

Catalogue

# marco

cablemanagement

CABLE MANAGEMENT  
PRODUCT GUIDE

A PART OF

**atkore**  
INTERNATIONAL



**Carl Jones**  
President  
International Raceway

**"Marco's innovative product range has proven to be a great addition to the Atkore International portfolio, allowing us to offer a complete service"**

Marco has further developed its capabilities as an industry leading manufacturer of uPVC and steel cable management solutions, through a combination of continued innovation in product development and by delivering value and excellence to both the customer and the end user.

Marco has always been a customer first business, and has an unmatched reputation within the industry for excellent customer experience and service. Benefits of doing business with Marco include our next day deliveries on main line products, and dedicated account management teams who strive to ensure the customers needs are always met and addressed.

Now represented under the shared Atkore brand, together with Unistrut and Flexicon, Marco is a strong force in the UK cable management market, and is the perfect partner to help support you on your next project.

## British made, innovation led

Marco has developed its reputation as an innovator and provider of high-performance products, coupled with excellent customer service and unrivalled delivery. All of Marco's products are British made, and all manufactured in our state-of-the-art purpose built facility in North Wales.

### Quality is Imperative

Marco is fully accredited with both ISO9001 and ISO14001, ensuring the highest quality levels are met and that our actions taken during manufacturing actively limits the impact we have on our environment.

All Marco products are RoHS and REACH compliant.

The quality and assurance of Marco products is assured through our in-house testing programmes, ensuring all our products are fully compliant with IEC61537 and related standards.

### Part of the Atkore International family

Atkore is a major manufacturer and innovator with a unique focus on steel frame, pipe and electrical products. As part of the Atkore family Marco can draw on a variety of technologies, products and experience from Atkore companies throughout the world.

### Raceway. Your Way

Electrical raceway is the mechanical infrastructure that deploys, isolates and protects a structures electrical circuitry from source to outlet.

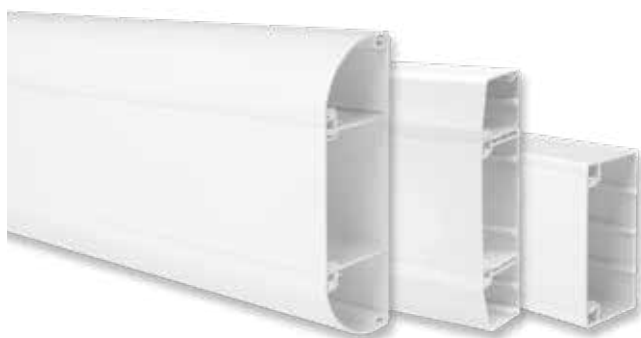
**marco**  
cablemanagement

A PART OF **atkore**  
INTERNATIONAL

**RACEWAY.**  
**YOUR WAY.™**

# Contents

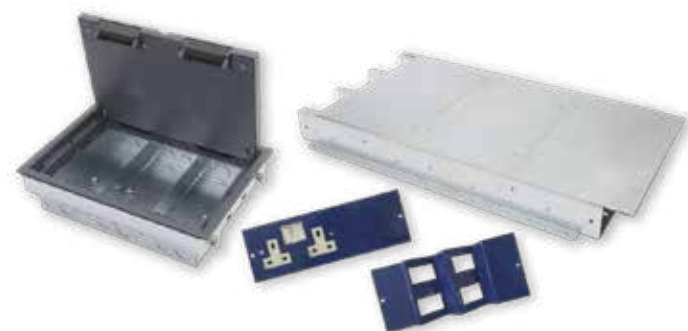
## Product Range



Elite 3	14
Elite Compact	20
Elite 60	26
Apollo	32
Juno	39
Maxi	44
Mini	46



Bench Trunking	52
Bench Units	55
Power Poles & Posts	58



Floor Boxes	64
Floor Box Accessory Plates	66
Flush Screed Trunking	70



Steel Wire Cable Tray	76
Quik-Clik	78
G-Shape Steel Wire Cable Tray	79
Accessories	80
Fabrication Guide	90

**UNISTRUT®** **FLEXICON**  
FLEXIBLE CONDUIT SOLUTIONS

Unistrut Overview	102
Flexicon Conduit Solutions Overview	106

uPVC

Aluminium

Underfloor

Steel Wire Cable Tray

Unistrut & Flexicon

# ABOUT MARCO

Established in 2003, the Anglesey-based firm has garnered a strong reputation within the mechanical and electrical installation sectors as a supplier of high quality, durable and aesthetically-pleasing products that are both adaptable and versatile.

Through the years, the firm has invested continuously in its core product range and is now able to offer a one-stop cable management solution made up to suit various specifications with products that meet the needs of almost any contract.

Marco has remained committed to its customer-first ethos and upholds its founding values. Next day delivery can be guaranteed, with deliveries happening every day of the week, bespoke and modular specifications are welcomed and a highly experienced and knowledgeable team are always on hand to support customers with any queries.

In a sector dominated by European and Asian competitors, working with a UK business offers that all-important contact and communication where relationships are built and a bond is forged. That's why Marco has grown to become a leading supplier in its field and continues to strengthen its presence.

Quality is imperative to Marco, and all products are manufactured in accordance with ISO9001 and 14001.

For more information on Marco's products and practices, visit us online at [www.marcocm.com](http://www.marcocm.com)



## Part of the Atkore International Family

Marco has recently become part of the Atkore International family, and now operates in partnership with Unistrut. By combining both companies product ranges into a single offering, Marco & Unistrut can provide a true one-stop service for all cable management and mechanical support needs.







## WORKING WITH MARCO

Marco has developed a reputation for industry leading customer service and is always developing new ways to make the installation of our products as efficient and cost effective as possible.

In 2014 we introduced our MCSSC Fast-Fix coupler to our steel wire cable tray accessories. The MCSSC consolidated our Fast-Fix accessory range, and all products in this range are designed to ease installation and drastically reduce time spent installing lengths.

As of 2017, Marco has become part of Atkore International, and operates along-side Unistrut. This partnership has allowed Marco to develop a stronger line of pre-fabricated and modular products, with pre-cut and assembled lengths of our trunking systems available in almost any size to the inclusion of our Steel Wire Cable Tray on Unistrut service modules.

2018 sees further additions to our product ranges, including new accessory plates for our three and four compartment floor boxes, and a new fast-fix PG coupler for our steel wire cable tray.

The customer always comes first and Marco are proud to have one of the industry's leading customer service teams, always on-hand to advise on project requirements, product information, stock availability, lead times and deliveries.

Marco also offer technical support and advice on all our products, with teams ready to answer any technical questions regarding our products or their installation.

Quality, service and trust are integral to the Marco business, and it's these principles which have helped the company move forward.

## VALUE DRIVEN, CUSTOMER FOCUSED



# BIM

## Building Information Modeling

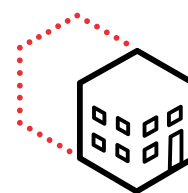
Marco is now able to offer its uPVC trunking and steel wire cable tray products as downloadable BIM object files.

Both the uPVC and Steel Wire Cable Tray are available in a single download, with all products included, making finding and installing products into a REVIT model much easier.

BIM is an ever-growing initiative, backed by the UK government, to establish new standards within the UK's construction industries. The BIM process is intended to involve all parties during the design and management phases of a project, by enabling contractors and designers to list all objects required for the build in a digital model.

As manufacturers, Marco is always looking for ways to meet its customers' demands, and new initiatives will see BIM being used more and more as the UK Government moves to make it the standard practice for all their new builds.

Marco's BIM files are available from our website, by visiting [www.marcocm.com/DOWNLOADS](http://www.marcocm.com/DOWNLOADS)



**BIM  
Downloads**

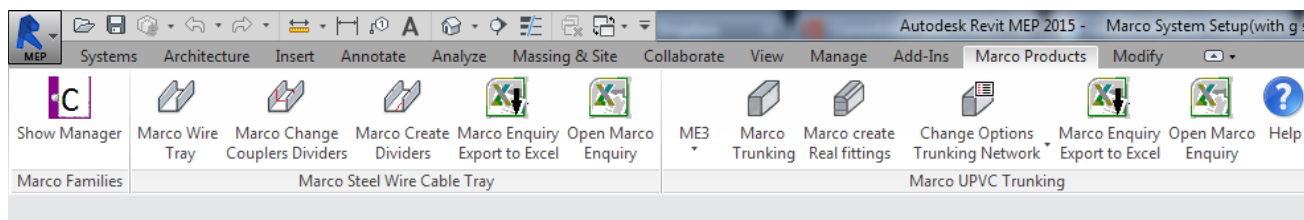
## Industry-leading products, Industry-leading customer service.

*Marco is committed to providing an unparalleled customer service, with dedicated account managers, always on hand to answer any queries or questions.*

*Marco's sales team is fully trained in our line of products and are able to offer guidance and advice to aid any query.*

## Work-flow and Commands

After the add-in has been installed, the REVIT ribbon bar will contain a Marco tab where Marco products can be selected.



### Autodesk REVIT

Marco's BIM objects are designed for use with the Autodesk REVIT software.



### Installation Guides

A how-to guide is included with all of our BIM downloads. Additionally if further support is required our staff are always on hand to help.



### Quick & Easy Quotation

Marco's BIM downloads allow you to produce an automatic bill of quantities, ensuring an easier and quicker quote turnaround.



### Instant Enquiries

Export objects direct to a predefined Marco template, which open directly into Excel.

# Project Specification

Full Project Support from Marco

Marco continues to consolidate its position as a top supplier of cable containment to a wide range of industries. Over the years Marco has supplied its products to a number of jobs which have required strict specification guidelines to be met. Marco is proud to offer a versatile range of products which is not only capable of meeting one of the projects specifications, but in many cases, supply the entire project.

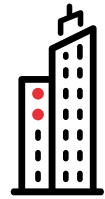
Many of Marco's products are designed to suit specification requirements, with additional features such as **Anti-Microbial** protection, **DDA compliance**, and **Pre-Cut Lengths** for projects with repeating specifications.



## Education



## Healthcare



## Commercial



## Notable Projects

Marco has supplied a number of notable projects all across the UK and Ireland, including:

### Education

- Swansea University
- Port Glasgow Academy
- Furness Academy
- Digitech Studio School - Bristol
- Eden Boys School - Birmingham
- Statistics Building - Oxford
- Aberystwyth University
- Gloucester University

### Healthcare

- South Glasgow Hospital
- Morriston Hospital - Swansea
- Dumfries Hospital
- Guy's & Thomas Hospital - London
- Alder Hey Hospital - Liverpool
- Ayrshire Hospital - Irvine
- Royal Liverpool
- Bristol Royal Infirmary

### Commercial

- Glasgow Theatre
- Chester Zoo Islands exhibit
- Manchester City Training Ground
- Dyson HQ - Malmesbury
- Heathrow Terminal - London
- 'Walkie Talkie' Building - London
- 'The Shard' - London
- Olympic Village - London



# Marco Hygieia

## Anti-Microbial Protection System

Marco's uPVC trunking systems are available with Marco's built-in hygieia protection.

Marco's Hygieia is a built in protective element, which is incorporated into the uPVC compound during manufacture. The Hygieia compound utilises a silver ion technology, providing anti-microbial protection throughout, creating a defence against 99.9% of harmful bacteria growth.

This protects against and prevents the growth of, bacteria, fungi, mildew and moulds, including:

- MRSA
- E-Coli
- Klebsiella Pneumoniae
- Streptococci

Due to the Hygieia element being incorporated into the PVC during manufacture, and therefore an integral part of the trunking, Marco can ensure there is no degradation of performance during use, even if the trunking becomes scratched or damaged, even years after initial installation.

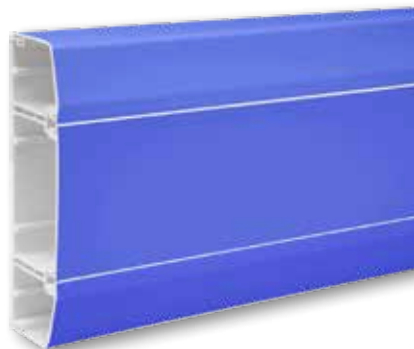
All Hygieia products are tested in accordance with ISO22196:2007, which specifies the method of evaluating the antibacterial activity of treated plastic products and is in compliance with all relevant European regulations.

All Marco products supplied with Hygieia protection are packaged in a blue protective film, to protect and differentiate it from standard uPVC products.

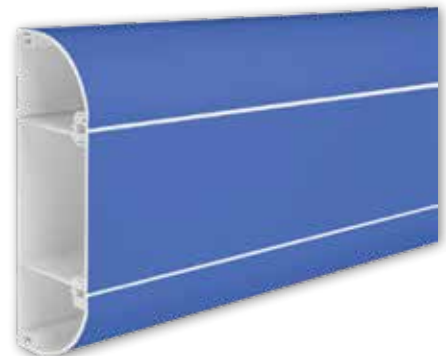
Full details of the tests are available on request.



Anti-Microbial



Marco Apollo 3



Marco Elite 3

*Blue film for identifying product only, must be removed after installation*



# DDA & Part M Compliance

Building Regulation Support from Marco

All of Marco's uPVC products are designed to be able to achieve full DDA compliance when required.

The Part M building regulations, 2000, amendment for the 'Access and use of Buildings' document outlines various regulations, including the Disability Discrimination Act of 2005, which is designed to assist those with visual impairments in public buildings.

Marco is able to supply DDA compliant uPVC trunking products, through the use of contrasting lids and plates. The use of contrasting colours allows the visually impaired to differentiate between the trunking body, and the potentially hazardous electricity outlets.

Marco is able to supply its trunking systems in three different colours, which can be mixed and matched to create full DDA compliance. Full DDA compliant specification can be supplied throughout the quoting process

Marco also manufacture a range of DDA socket plates, which fit over socket boxes, to create a coloured frame around a socket.

Marco's trunking systems are available in White, Light grey and Charcoal, and DDA plates are available in Light Grey, Charcoal and Light Blue.



DDA & Part M



*Light Grey, Charcoal and Blue Socket plates provide DDA & PART-M compliance throughout.*



The centre lids used on Marco trunking are universal, and as a result, DDA compliance is attainable on all our commercial trunking systems.

For more information on how DDA and PART-M can help your project, contact us today



# Prefabrication

## Prefabricated Cable Management Solutions

In an effort to expand and consolidate our service delivery, Marco offer bespoke trunking solutions as part of our pre-fabricated and modular services.

A wide range of uPVC trunking products are available, in a number of sizes to suit any application.

Each assembly is supplied as a complete unit, and feature all of Marco's signature product benefits, including pre-punched knock-outs on the trunking base, and necessary cable segregation throughout.

Whenever possible, Marco is always looking for new ways to make our products and services as fast and as cost effective as possible, and our pre-assembled uPVC units are just one time saving solution we have on offer.

For more information on the range, or for more information on the complete Marco range, contact us today.

***Prefabricated uPVC units are the perfect solution for projects in a number of sectors.***



### Education

Marco's pre-assembled trunking systems are the perfect solution for projects all the way up the education sector, from new build modular classroom's up to University halls.



### Hygiene Protection

Marco's pre-assembled units are also available with anti-microbial protection, helping defend against 99.9% of harmful bacteria.



### Healthcare

Prefabricated units are also a great solution for multiple specifications within the healthcare sector, these can include hospital wards to rooms in residential care homes.



### Time Saver

Our pre-assembled units are primarily designed to save time, cost and reduce excess waste. Each unit is supplied complete and ready to install.



### Portable Modular Buildings

Pre-assembled uPVC units are also an ideal solution for housing power and data cables within modular buildings, allowing for flexibility in the buildings design.



### Sustainability

Pre-assembly ensures that no product ends up as excess waste on site due to each length being supplied bespoke to the exact measurements and design required.

## Prefabricated Bench Trunking

Marco are also able to supply our bench trunking in prefabricated units. Along with the bench units, Marco can manufacture bespoke lengths of bench trunking to suit any installation requirement.



Marco's products are available alongside Unistrut as part of a combined modular offering, designed to suit the needs of any project, utilising a combination of cable management and framing solutions.

### Complete bespoke solutions

We understand the challenges that modern infrastructure projects create.

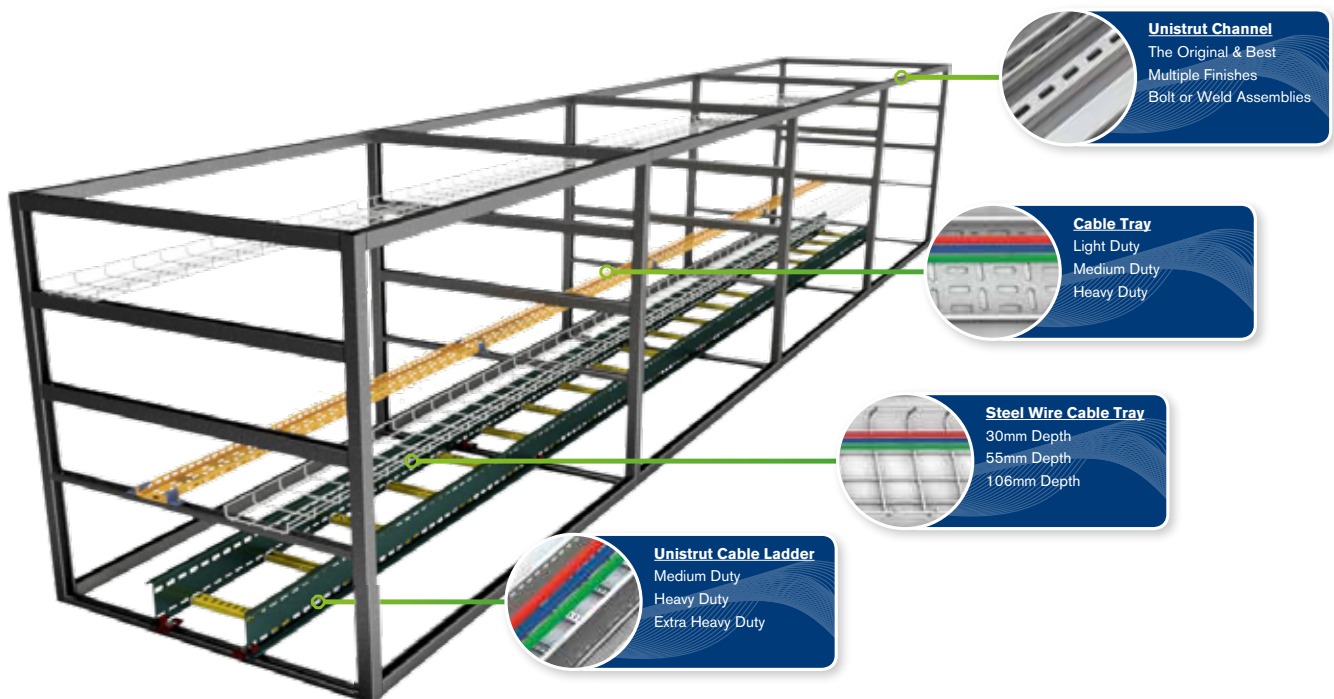
It's often the case that an off-the-shelf solution is unable to answer all of your needs and requirements – especially when there are specific location, timing, or environmental issues to consider.

In these situations, a bespoke solution can offer you the durability and flexibility you need to successfully deliver your project.

Our prefabricated service specialises in solving complex framing issues. Our ability to assess, design, build and support bespoke systems has proven to be invaluable on a variety of major projects.

### Working with a wide range of industries

Our products help to support the infrastructure that is vital to modern industry and commerce. In addition to our pre-fabricated uPVC service, Marco's product can be combined with products from our sister company Unistrut to create bespoke modular service containment which easily fits in to place on any installation.



**Contact our team today to find out  
how custom solutions can benefit your  
project.**

# uPVC Perimeter Trunking Systems

Power & Data solutions from Marco



**marco**  
cablemanagement

# Contents

uPVC Trunking Systems

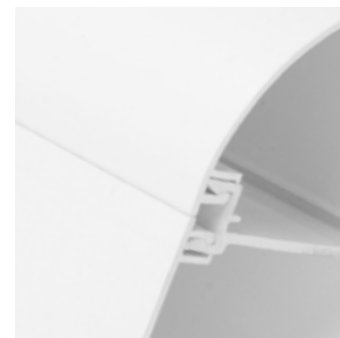
Elite 3	14
Elite Compact	20
Elite 60	26
Apollo 3 Comp	32
Apollo 4 Comp	39
Juno	40
Maxi	44
Mini	46

# Elite 3

## 3 Compartment Trunking

**175 x 60mm**

Marco Elite 3 trunking system offers an innovative design solution for the growing data-cabling market. At 175 x 60mm, the symmetrical curved design allows for the installation of power and high-density structured cabling systems including **CAT5E**, **CAT6**, **CAT6A** and **CAT7** solutions.



## Key Features



### 3 Compartment

Elite 3 has been designed to comply with the latest structured cabling solutions on the market. Top and bottom compartments complement a larger centre compartment which can facilitate socket mounting accessories.



### Hygieia Protection

Elite 3 is available with Marco's Hygieia anti-microbial protection. Defending against 99.9% of harmful bacteria.



### 175 x 60mm Profile

Elite 3's profile allows for ample data and power cabling to be supplied. The curved design prevents dust trapping and provides a more aesthetically pleasing finish.



### DDA & Part M

Elite 3 is also able to comply to both DDA and Part M specifications, using either our contrasting centre lids or coloured socket plates.



### CAT6, CAT6A & CAT7

Elite 3 meets the latest structured cabling solutions by offering a 50mm bend radius on all Elite accessories.



### BIM Download

Elite 3 BIM objects are available as part of the uPVC BIM download on our website.

Marco Elite systems meet and exceed the requirements for (BS6701), BE 4678 Pt 4, BS 7671, ISO/IEC 11901 (ED2.0 Amd 2) and Cenelec (BS EN 50173 Part 1 / 2, BS EN 50174-2) standards. For more information on the range, or for further material specification, contact our team today.



## Elite 3

## 3 Compartment Trunking

## Elite 3

Marco's flagship trunking system, Elite 3 is designed to suit all types of installation environments. Elite 3 is made from the highest quality uPVC compound, providing its signature pure white finish. At 175 x 60mm Elite 3 is able to accommodate CAT6 and CAT6A cables, making it a perfect fit for any modern installation.

Elite 3 is available in three colours, pure white, light grey and charcoal.

CODE	DESCRIPTION	LENGTH	PACK QTY
<b>ME3</b>	Elite 3 - Pure White	3m	2 x 3m
<b>ME3LG</b>	Elite 3 - Light Grey	3m	2 x 3m
<b>ME3CH</b>	Elite 3 - Charcoal	3m	2 x 3m



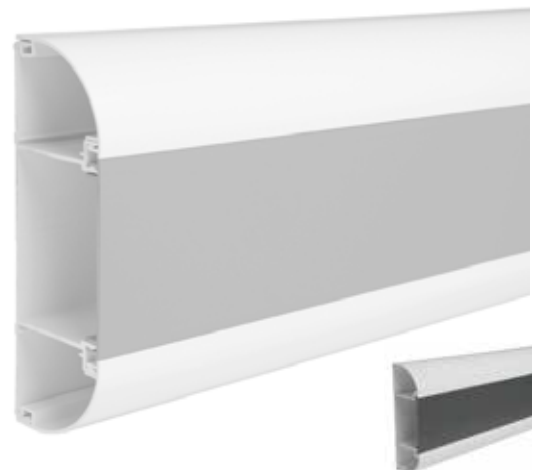
## Elite 3 - DDA

Marco's Elite trunking is also able to accommodate DDA Part M requirements, via the use of a light grey or charcoal centre lid.



For more DDA & Part M compliance options, see page 9 .....

CODE	DESCRIPTION	LENGTH	PACK QTY
<b>ME3LGL</b>	Elite 3 - Pure White with Light Grey Lid	3m	2 x 3m
<b>ME3CHL</b>	Elite 3 - Pure White with Charcoal Lid	3m	2 x 3m



## Elite 3 - Hygieia

Elite 3 is available with Marco Hygieia, offering anti-microbial protection against 99.9% of harmful bacteria. The anti-microbial compound forms an integral part of the trunking, meaning there is no loss of performance if the trunking becomes scratched or damaged. All of Elite's additional components are also available with anti-microbial protection.

Elite Hygieia is supplied with a protective blue film for extra protection during transit and installation.

CODE	DESCRIPTION	LENGTH	PACK QTY
<b>ME3AM</b>	Elite 3 - Pure White with Anti-Microbial	3m	2 x 3m
<b>ME3AMLGL</b>	Elite 3 - Light Grey Lid with Anti-Microbial	3m	2 x 3m
<b>ME3AMCHL</b>	Elite 3 - Charcoal Lid Anti-Microbial	3m	2 x 3m

Minimum order quantities apply to Charcoal Anti-Microbial, please contact us for more information.

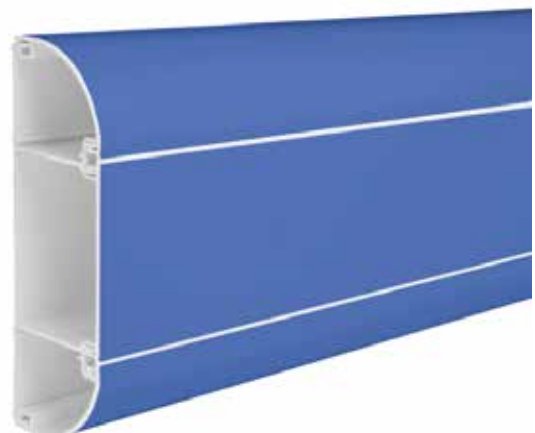


Illustration purposes only, protective blue film to be removed during installation.

# Elite 3 - Accessories

## 3 Compartment Trunking

### Flat Angle



Product Information	
Code	<b>ME3F</b>
Dimensions (mm)	254 x 254 x 62
Pack Qty	1

Available Colours ☐ ☐ ☐

Two-piece moulded flat angle with built in data guides retaining **CAT6**, **CAT6A** and **CAT7** compliance. Flat overlaps trunking lids, with no needs for joint covers.

### Flat Tee



Product Information	
Code	<b>ME3T</b>
Dimensions (mm)	326 x 253 x 62
Pack Qty	1

Available Colours ☐ ☐ ☐

Moulded flat tee with two sets of data guides to maintain 50mm bend radius for **CAT6**, **CAT6A** and **CAT7** compliance. Tee overlaps trunking lids, with no need for joint covers.

### Internal Angle



Product Information	
Code	<b>ME3I</b>
Dimensions (mm)	179.5 x 134 x 134*
Pack Qty	1

Available Colours ☐ ☐ ☐

Moulded internal angle with an adjustable design allowing for a variance of +/- 5° accommodating walls without true 90° bend. Angles have 50mm bend radius to comply with **CAT6**, **CAT6A** & **CAT7**.

\* Indicates Height and Width before movement

### External Angle



Product Information	
Code	<b>ME3E</b>
Dimensions (mm)	179.5 x 104.5 x 104.5*
Pack Qty	1

Available Colours ☐ ☐ ☐

Moulded external angle with an adjustable design, allowing for a variance of +/- 5° accommodating walls without a true 90° bend. Angles have 50mm bend radius to comply with **CAT6**, **CAT6A** & **CAT7**.

\* Indicates Height and Width before movement

### Internal Angle - Fixed 45°



Product Information	
Code	<b>ME3I-135</b>
Pack Qty	1

Available Colours ☐ ☐ ☐

Pre-fabricated fixed internal angle for Elite 3, designed for use on walls with a 45° in-facing bend. Supplied as individual units and requires 2 joint covers.

Additional joint covers (ME3J x 2) required when fitting.

### External Angle - Fixed 45°



Product Information	
Code	<b>ME3E-135</b>
Pack Qty	1

Available Colours ☐ ☐ ☐

Pre-fabricated fixed external angle for Elite 3, designed for use on walls with a 45° out-facing bend. Supplied as individual units and requires 2 joint covers.

Additional joint covers (ME3J x 2) required when fitting.

Available Colours: ☐ Standard White ☐ Light Grey. Add LG to product code ☐ Charcoal. Add CH to product code

# Elite 3 - Accessories

## 3 Compartment Trunking

### End Covers



Product Information	
Code	<b>ME3C</b>
Dimensions (mm)	176.5 x 62 x 12
Pack Qty	2

Available Colours ☐ ☐ ☐

Curved end covers matching trunking profile, supplied in packs of two.

### Joint Covers



Product Information	
Code	<b>ME3J</b>
Width (mm)	179.5 x 62 x 33
Pack Qty	5

Available Colours ☐ ☐ ☐

Joint covers with easy clip-in mechanism for faster fitting. Supplied in packs of five.

### External Angle Screening Divider



Product Information	
Code	<b>ME3SDE</b>
Pack Qty	1

Clip in screening divider for Elite 3 external angles. Meets BS EN 50174-2 for power and data separation.

### Steel Strip Screening Divider



Product Information	
Code	<b>ME3SD</b>
Pack Qty	4 x 1.5m

Slide-in screening divider for Elite 3. Meets BS EN 50174-2 for power and data separation. Divider has same pre-punched knock-outs as internal walls. Supplied in 1.5m.

### Take-Off Adapter



Product Information	
Code	<b>ME3TOA</b>
Dimensions (mm)	92 x 62 x 61
Pack Qty	1

Available Colours ☐ ☐ ☐

Take off adaptor for Marco Mini trunking. Supports 16 x 16mm, 16 x 25mm, and 25 x 38mm sizes. Can also accept 20 & 25mm PVC conduit.

# Elite 3 - Accessory Boxes

## 3 Compartment Trunking

### 1 - Gang Socket Boxes



Product Information	35mm 1-Gang Socket Box	35mm 1-Gang Socket Box, 4 Pillar	25mm 1-Gang Socket Box	25mm 1-Gang Socket Box, 4 Pillar	50mm 1-Gang Socket Box
Code	<b>MTSB1</b>	<b>MTSB1-4</b>	<b>MTSB1-25</b>	<b>MTSB1-25-4</b>	<b>MTSB1-50</b>
Depth (mm)	35	35	25	25	50
No. of Pillars	2	4	2	4	2
Pack Qty	10	10	10	10	10

### 2 - Gang Socket Boxes



Product Information	35mm 2-Gang Socket Box	25mm 2-Gang Socket Box	50mm 2-Gang Socket Box
Code	<b>MTSB2</b>	<b>MTSB2-25</b>	<b>MTSB2-50</b>
Depth (mm)	35	25	50
No. of Pillars	2	2	2
Pack Qty	10	10	10

### 1 & 2 - Gang Socket Frames



Product Information	1-gang socket mounting frame	2-gang socket mounting frame
Code	<b>MTSB1-F</b>	<b>MTSB2-F</b>
Depth (mm)	N/A	N/A
No. of Pillars	4	2
Pack Qty	10	10

# Elite 3 - Universal Accessories

## 3 Compartment Trunking

### Accessory Spacer



Product Information	
Code	<b>MTLS</b>
Dimensions (mm)	87 x 60
Pack Qty	10

Available Colours ☐ ☐ ☐

Single unit accessory spacer. Fits on to centre compartment using the same quick snap-on system as centre lid.

### RCD/MCB DIN Rail Housing Kit



Product Information	
Code	<b>ME3RCDH</b>
Pack Qty	1

Includes: Hinged Cover, Mounting Frame and Mounting Bracket. Locking mechanism also available, contact us for more info.

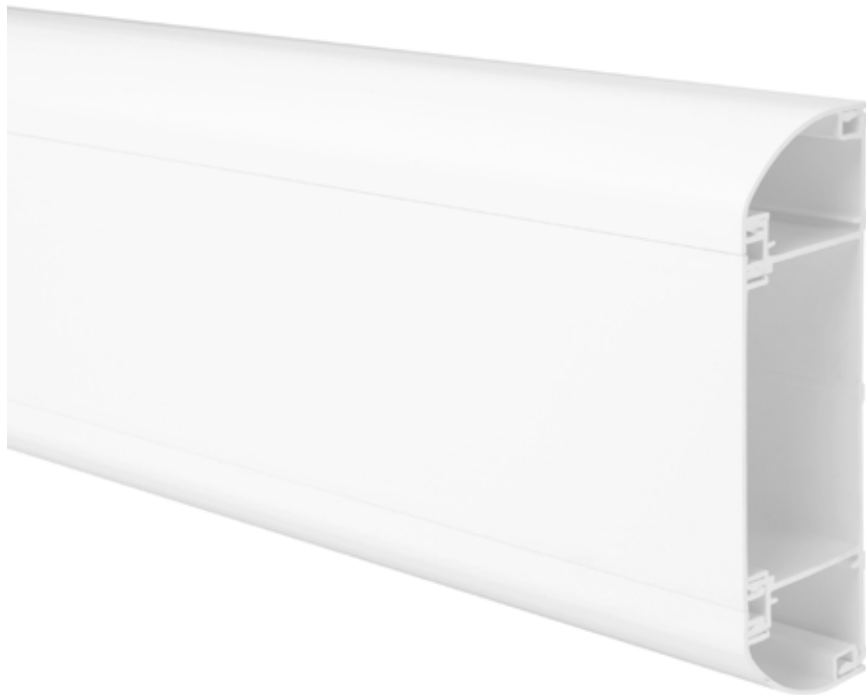


# Elite Compact

## 3 Compartment Trunking

**145 x 50mm**

Manufactured from the same high quality materials as Elite 3, Elite Compact offers all the same benefits and features of Elite 3, condensed into a smaller 145 x 50mm profile. Elite Compact is designed to carry large numbers of power and data cables, with a smaller profile which can be installed in locations where space is limited or when a smaller form-factor is desired. Elite Compact is able to support structured cabling systems including **CAT5E**, **CAT6**, **CAT6A** and **CAT7** solutions.



## Key Features



### 3 Compartment

Elite Compact is a 3 compartment system, designed to provide the maximum in carrying capacity, whilst retaining a smaller aesthetic.



### Hygieia Protection

Elite Compact is available with Marco Hygieia anti-microbial protection, keeping the spread of bacteria in all environments to a minimum.



### 145 x 50mm Profile

Despite it's small size, Elite Compact's design allows it to house a large number of cables in both it's top and bottom compartments, as well as having a full sized centre compartment to house accessories.



### DDA & Part M

Elite Compact is available with DDA and Part M specifications, including contrasting centre lid and a range of coloured accessory plates.



### CAT6 & CAT7 Compliance

Elite Compact meets the latest structured cabling solutions by offering required bend radius on all fittings and accessories.



### BIM Download

Elite Compact BIM objects are available as part of the uPVC BIM download on our website.

Marco Elite systems meet and exceed the requirements for (BS6701), BE 4678 Pt 4, BS 7671, ISO/IEC 11901 (ED2.0 Amd 2) and Cenelec (BS EN 50173 Part 1 / 2, BS EN 50174-2) standards.  
For more information on the range, or for further material specification, contact our team today.

# Elite Compact

## 3 Compartment Trunking

### Elite Compact

The smallest in Marco's Elite range, Compact offers all the benefits of larger Elite products, packed into its 145 x 50mm profile.

Manufactured from the same high quality uPVC compound, Elite Compact has the same signature pure white finish as Marco's other trunking.

Elite Compact's design makes it perfect for housing structured cabling and comes CAT6 & CAT6A compliant as standard.

Elite Compact is available in three colours, pure white, light grey and charcoal.

CODE	DESCRIPTION	LENGTH	PACK QTY
<b>MEC3</b>	Elite Compact - Pure White	3M	2 x 3M
<b>MEC3LG</b>	Elite Compact - Light Grey	3M	2 x 3M
<b>MEC3CH</b>	Elite Compact - Charcoal	3M	2 x 3M



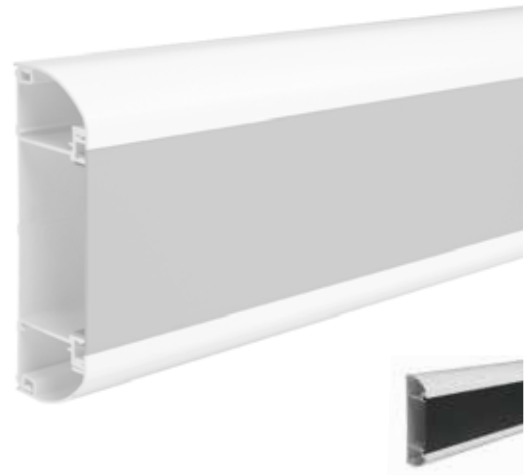
### Elite Compact - DDA

Marco's Elite Compact trunking is also able to accommodate DDA requirements, via the use of a light grey or charcoal centre lid.



For more DDA & Part M compliance options, see page 9 .....

CODE	DESCRIPTION	LENGTH	PACK QTY
<b>MEC3LGL</b>	Elite Compact - Pure White with Light Grey Lid	3m	2 x 3m
<b>MEC3CHL</b>	Elite Compact - Pure White with Charcoal Lid	3m	2 x 3m



### Elite Compact - Hygieia

Elite Compact is available with Marco's Hygieia protection, defending against 99.9% of harmful bacteria. The anti-microbial compound forms an integral part of the trunking, meaning there is no loss of performance if the trunking becomes scratched or damaged. All of Compact's additional components are also available with anti-microbial protection.

Marco's Hygieia trunking is supplied with a protective blue film for extra protection during transit and installation.

CODE	DESCRIPTION	LENGTH	PACK QTY
<b>MEC3AM</b>	Elite Compact - Pure White with Anti-Microbial	3m	2 x 3m
<b>MEC3AMLGL</b>	Elite Compact - Light Grey Lid with Anti-Microbial	3m	2 x 3m
<b>MEC3AMCHL</b>	Elite Compact - Charcoal Lid with Anti Microbial	3m	2 x 3m

Minimum order quantities apply to Charcoal Anti-Microbial, please contact us for more information.

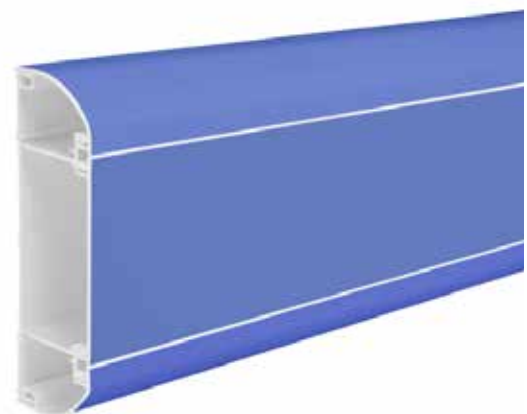


Illustration purposes only, protective blue film to be removed during installation.

# Elite Compact - Accessories

## 3 Compartment Trunking

### Flat Angle



Product Information	
Code	<b>MEC3F</b>
Dimensions (mm)	224 x 224 x 52
Pack Qty	1

Available Colours ☐ ☐ ☐

Two-piece moulded flat angle for Elite Compact with built in data guides retaining **CAT6**, **CAT6A** and **CAT7** compliance. Flat overlaps trunking lids, with no needs for joint covers.

### Flat Tee



Product Information	
Code	<b>MEC3T</b>
Dimensions (mm)	293 x 222.5 x 52
Pack Qty	1

Available Colours ☐ ☐ ☐

Moulded flat tee for Elite Compact with two sets of data guides to maintain 50mm bend radius for **CAT6**, **CAT6A** and **CAT7** compliance. Tee overlaps trunking lids, with no need for joint covers.

### Internal Angle



Product Information	
Code	<b>MEC3I</b>
Dimensions (mm)	125 x 125 x 149.5*
Pack Qty	1

Available Colours ☐ ☐ ☐

Moulded internal angle with an adjustable design allowing for a variance of +/- 5° accommodating walls without true 90° bend. Angles have 50mm bend radius to comply with **CAT6** & **CAT7**.

\* Indicates Height and Width before movement

### External Angle



Product Information	
Code	<b>MEC3E</b>
Dimensions (mm)	92 x 92 x 150*
Pack Qty	1

Available Colours ☐ ☐ ☐

Moulded external angle with an adjustable design, allowing for a variance of +/- 5° accommodating walls without a true 90° bend. Angles have 50mm bend radius to comply with **CAT6** & **CAT7**.

\* Indicates Height and Width before movement

### Internal Angle - Fixed 45°



Product Information	
Code	<b>MEC3I-135</b>
Pack Qty	1

Available Colours ☐ ☐ ☐

Pre-fabricated fixed internal angle for Elite Compact, designed for use on walls with a 45° in-facing bend. Supplied as individual units and requires 2 joint covers.

**Additional joint covers (MEC3J x 2) required when fitting.**

### External Angle - Fixed 45°



Product Information	
Code	<b>MEC3E-135</b>
Pack Qty	1

Available Colours ☐ ☐ ☐

Pre-fabricated fixed external angle for Elite Compact, designed for use on walls with a 45° out-facing bend. Supplied as individual units and requires 2 joint covers.

**Additional joint covers (MEC3J x 2) required when fitting.**

Available Colours: ☐ Standard White ☐ Light Grey. Add LG to product code ☐ Charcoal. Add CH to product code

# Elite Compact - Accessories

## 3 Compartment Trunking

### End Covers



Product Information	
Code	<b>MEC3C</b>
Dimensions (mm)	149.5 x 52 x 12
Pack Qty	2

Available Colours ☐ ☐ ☐

Curved end covers matching trunking profile, supplied in packs of two.

### Joint Covers



Product Information	
Code	<b>MEC3J</b>
Width (mm)	149.5 x 52 x 33
Pack Qty	5

Available Colours ☐ ☐ ☐

Joint covers with easy clip-in mechanism for faster fitting. Supplied in packs of five.

### External Angle Screening Divider



Product Information	
Code	<b>MEC3SDE</b>
Pack Qty	1

Clip in screening divider for Elite Compact external angles. Meets BS EN 50174-2 for power and data separation.

### Steel Strip Screening Divider



Product Information	
Code	<b>MEC3SD</b>
Pack Qty	4 x 1.5m

Slide-in screening divider for Elite compact. Meets BS EN 50174-2 for power and data separation. Divider has same pre-punched knock-outs as internal walls. Supplied in 1.5m.

### Take-Off Adapter



Product Information	
Code	<b>MEC3TOA</b>
Dimensions (mm)	92 x 52 x 46
Pack Qty	1

Available Colours ☐ ☐ ☐

Take off adaptor for Marco Mini trunking. Supports 16 x 16mm, 16 x 25mm, and 25 x 38mm sizes. Can also accept 20 & 25mm PVC conduit.

# Elite Compact - Accessory Boxes

## 3 Compartment Trunking

### 1 - Gang Socket Boxes



Product Information	35mm 1-Gang Socket Box	35mm 1-Gang Socket Box, 4 Pillar	25mm 1-Gang Socket Box	25mm 1-Gang Socket Box, 4 Pillar
Code	<b>MTSB1</b>	<b>MTSB1-4</b>	<b>MTSB1-25</b>	<b>MTSB1-25-4</b>
Depth (mm)	35	35	25	25
No. of Pillars	2	4	2	4
Pack Qty	10	10	10	10

### 2 - Gang Socket Boxes



Product Information	35mm 2-Gang Socket Box	25mm 2-Gang Socket Box
Code	<b>MTSB2</b>	<b>MTSB2-25</b>
Depth (mm)	35	25
No. of Pillars	2	2
Pack Qty	10	10

### 1 & 2 - Gang Socket Frames



Product Information	1-gang socket mounting frame	2-gang socket mounting frame
Code	<b>MTSB1-F</b>	<b>MTSB2-F</b>
Depth (mm)	N/A	N/A
No. of Pillars	4	2
Pack Qty	10	10



# Elite Compact - Universal Accessories

3 Compartment Trunking

## Accessory Spacer



Product Information	
Code	<b>MTLS</b>
Dimensions (mm)	87 x 60
Pack Qty	10

Available Colours ☐ ☐ ☐

Single unit accessory spacer. Fits on to centre compartment using the same quick snap-on system as centre lid.

## RCD/MCB DIN Rail Housing Kit



Product Information	
Code	<b>MEC3RCDH</b>
Pack Qty	1

Includes: Hinged Cover, Mounting Frame and Mounting Bracket. Locking mechanism also available, contact us for more info.

# Elite 60

Data Trunking

200 x 63mm

With its 200 x 63mm profile, Elite 60 is the largest trunking available in the Elite range. Able to accommodate a large amount of **CAT5E** and **CAT6/CAT6A** cables, Elite 60 has been designed from the ground up to serve as a perfect fit for installations which require a high capacity containment solution. Elite 60 can support structured cabling systems up to **CAT7**.



## Key Features



### 200 x 63mm Profile

The largest trunking in the Elite range, Elite 60 is able to carry more CAT6 cables than any other Marco trunking. Designed for installations where there is a heavy reliance on power and data cabling.



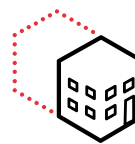
### DDA & Part M

Elite 60 is able to become completely DDA compliant, through the use of Marco's contrasting centre lid or coloured socket plates.



### 2 Compartment

2 Compartment as standard, Elite 60 can be sub-divided into a total of 4 compartments for complex wiring systems.



### BIM Download

Elite 60 BIM objects are available as part of the uPVC BIM download on our website.



### CAT6, CAT6A & CAT7

All of the Elite range have been designed to accommodate CAT6 & CAT7, none more-so than Elite 60, which has two large capacity compartments as well as a removable top lid.

Marco Elite systems meet and exceed the requirements for (BS6701), BE 4678 Pt 4, BS 7671, ISO/IEC 11901 (ED2.0 Amd 2) and Cenelec (BS EN 50173 Part 1 / 2, BS EN 50174-2) standards.  
For more information on the range, or for further material specification, contact our team today..

# Elite 60

Data Trunking

## Elite 60

Elite 60 is the largest capacity trunking in the Elite range, allowing for a greater number of cables to be installed.

Elite 60 comes with a unique top opening lid, allowing cables to be installed easily and speedily. Should additional cable segregation be required, further capacity can be achieved through the use of clip-in dividers, able to take the trunking up to 4 compartments if required.

CODE	DESCRIPTION	LENGTH	PACK QTY
<b>MT60</b>	Elite 60 - Pure White	3M	2 x 3M



## Elite 60 - DDA

DDA compliance is attainable using Elite 60 in conjunction with Marco's contrasting centre lids or through the use of our coloured socket plates. Elite 60's high capacity and DDA compliance make it a perfect fit for schools or public buildings.



For more DDA & Part M compliance options, see page 9 .....

CODE	DESCRIPTION	LENGTH	PACK QTY
<b>MT60LGL</b>	Elite 60 - Pure White & Light Grey Lid	3m	2 x 3m
<b>MT60CHL</b>	Elite 60 - Pure White & Charcoal Lid	3m	2 x 3m



# Elite 60 - Accessories

## Data Trunking

### Flat Angle - Up



Product Information	
Code	<b>MT60FU</b>
Dimensions (mm)	235 x 235 x 63
Pack Qty	1

Lid Only ☐ ☐ ☐

Pre-fabricated upward mitred flat angle provided with a minimum 50mm bend radius.

Additional joint covers (MT60J x 2) required when fitting.

### Flat Tee - Up



Product Information	
Code	<b>MT60T</b>
Dimensions (mm)	330 x 240 x 63
Pack Qty	1

Lid Only ☐ ☐ ☐

Pre-fabricated upward flat tee junction. Each is supplied with a minimum 50mm bend radius.

Additional joint covers (MT60J x 3) required when fitting.

### Flat Angle - Down



Product Information	
Code	<b>MT60FD</b>
Dimensions (mm)	235 x 235 x 63
Pack Qty	1

Lid Only ☐ ☐ ☐

Pre-fabricated downward mitred flat angle provided with a minimum 50mm bend radius.

Additional joint covers (MT60J x 2) required when fitting.

### Flat Tee - Down



Product Information	
Code	<b>MT60TD</b>
Dimensions (mm)	330 x 240 x 63
Pack Qty	1

Lid Only ☐ ☐ ☐

Pre-fabricated downward flat tee junction. Each is supplied with a minimum 50mm bend radius.

Additional joint covers (MT60J x 3) required when fitting.

### Internal Angle



Product Information	
Code	<b>MT60I</b>
Height (mm)	136 x 136 x 204
Pack Qty	1

Moulded internal angle for Elite 60, designed for use on walls with a 90o in-facing bend. Supplied as individual units.

### External Angle



Product Information	
Code	<b>MT60E</b>
Height (mm)	88 x 88 x 204
Pack Qty	1

Moulded external angle for Elite 60, designed for use on walls with a 90o out-facing bend. Supplied as individual units.

Available Colours (Lid Only): ☐ Standard White ☐ Light Grey Lid. Add LGL to product code ☐ Charcoal Lid. Add CHL to product code

Alternative colours only available on Flat Angles and Flat Tee Lids.

# Elite 60 - Accessories

Data Trunking

## End Covers



Product Information	LEFT	RIGHT
Code	<b>MT60CL</b>	<b>MT60CR</b>
Height (mm)	204 x 67 x 12	
Pack Qty	2	

Moulded end covers, designed to match the profile of the trunking. Due to Elite 60's shape, end caps are supplied in left and right-handed variants.

## Joint Covers



Product Information	
Code	<b>MT60J</b>
Width (mm)	204 x 67 x 30
Pack Qty	5

Moulded joint covers with an easy clip in mechanism for faster installation. Supplied in packs of five.

## External Angle Screening Divider



Product Information	
Code	<b>MT60SDE</b>
Pack Qty	1

Elite clip-in screening divider for external angles. Meets BSEN50174-2 for power and data separation

## Steel Strip Screening Divider



Product Information	
Code	<b>MT60SD</b>
Pack Qty	4 x 1.5m

Slide-in screening divider for Elite 60. Supplied in 1.5m lengths.

# Elite 60 - Accessory Boxes

## Data Trunking

### 1 - Gang Socket Boxes



Product Information	35mm 1-Gang Socket Box	35mm 1-Gang Socket Box, 4 Pillar	25mm 1-Gang Socket Box	25mm 1-Gang Socket Box, 4 Pillar	50mm 1-Gang Socket Box
Code	<b>MTSB1</b>	<b>MTSB1-4</b>	<b>MTSB1-25</b>	<b>MTSB1-25-4</b>	<b>MTSB1-50</b>
Depth (mm)	35	35	25	25	50
No. of Pillars	2	4	2	4	2
Pack Qty	10	10	10	10	10

### 2 - Gang Socket Boxes



Product Information	35mm 2-Gang Socket Box	25mm 2-Gang Socket Box	50mm 2-Gang Socket Box
Code	<b>MTSB2</b>	<b>MTSB2-25</b>	<b>MTSB2-50</b>
Depth (mm)	35	25	50
No. of Pillars	2	2	2
Pack Qty	10	10	10

### 1 & 2 - Gang Socket Frames



Product Information	1-gang socket mounting frame	2-gang socket mounting frame
Code	<b>MTSB1-F</b>	<b>MTSB2-F</b>
Depth (mm)	N/A	N/A
No. of Pillars	4	2
Pack Qty	10	10

# Elite 60 - Universal Accessories

Data Trunking

## RCD/MCB DIN Rail Housing Kit



Product Information	
Code	<b>MT60RCDH</b>
Pack Qty	1

Includes: Hinged Cover, Mounting Frame and Mounting Bracket. Locking mechanism also available, contact us for more info.

## Accessory Spacer



Product Information	
Code	<b>MTLS</b>
Dimensions (mm)	87 x 60
Pack Qty	10

Available Colours ☐ ☐ ☐

Single unit accessory spacer. Fits on to centre compartment using the same quick snap-on system as centre lid.

## uPVC Universal Divider Strip



Product Information	
Code	<b>MTD105</b>
Pack Qty	16 x 1.5m

Slide in uPVC divider for Marco trunking products. Supplied in 1.5m lengths.



# Apollo

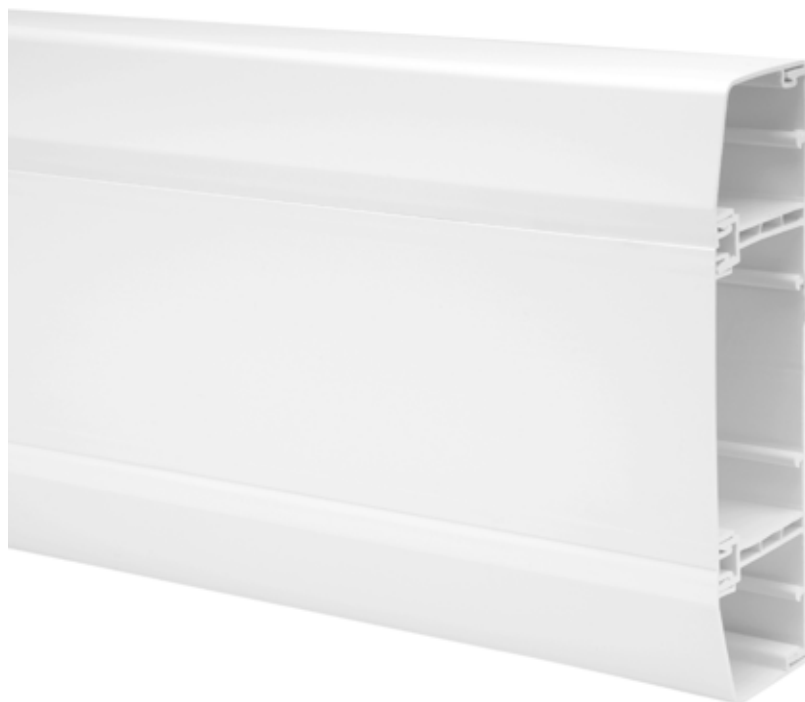
3 Compartment Trunking

170 x 50mm

Marco's Apollo trunking is the most versatile and adaptable trunking system in our range. Apollo is designed to suit any application, coming in three profiles, it is able to match the aesthetic requirements of any project. Apollo is supplied as a **CAT5E** compliant system as standard, and can be altered to meet **CAT6** through the use of clip-in data guides.

## MTD3

Chamfered



## MTDQ3

Square



## MTS3

Skirting



## Key Features



### Multi-Profile

Apollo's 3 profiles make it our most adaptable trunking system, accommodating any installation environment.



### Hygieia Protection

Apollo 3 is available with Marco's Hygieia anti-microbial protection. Defending against 99.9% of harmful bacteria.



### 170 x 50mm Profile

Apollo's large profile, and three compartments are ideal for carrying a large number of cables, and it's centre compartment can house multiple accessories.



### DDA & Part M

Apollo 3 is also able to comply with both DDA and Part M specifications, using either our contrasting centre lids or coloured socket plates.



### BIM Download

Apollo is available in Marco's BIM object pack, available at our website.

Apollo trunking systems conform to the following standards: BS4678 Part 4, BSEN50173 Part 1/2, BSEN50174-2, BS7671 (17th Edition IEE regs), BS6701, ISO IEC 11801 (ED2.0 Amd 2).  
Please contact our sales team for more information on the range.

# Apollo

## 3 Compartment Trunking

### Apollo 3

Marco's Apollo trunking is available in three different profiles. Available in Dado, Skirting and Square profiles Apollo's interchangeable lids are designed to accommodate installation requirements whilst retaining an aesthetically pleasing design.

CODE	DESCRIPTION	LENGTH	PACK QTY
<b>MTD3</b>	Apollo 3 - Dado Profile - White	3m	2 x 3m
<b>MTD3LG</b>	Apollo 3 - Dado Profile - Light Grey	3m	2 x 3m
<b>MTD3CH</b>	Apollo 3 - Dado Profile - Charcoal	3m	2 x 3m
<b>MTDQ3</b>	Apollo 3 - Square Profile - White	3m	2 x 3m
<b>MTDQ3LG</b>	Apollo 3 - Square Profile - Light Grey	3m	2 x 3m
<b>MTDQ3CH</b>	Apollo 3 - Square Profile - Charcoal	3m	2 x 3m
<b>MTS3</b>	Apollo 3 - Skirting Profile - White	3m	2 x 3m
<b>MTS3LG</b>	Apollo 3 - Skirting Profile - Light Grey	3m	2 x 3m
<b>MTS3CH</b>	Apollo 3 - Skirting Profile - Charcoal	3m	2 x 3m



### Apollo 3 - DDA

Marco's Apollo trunking is also able to adhere to DDA compliance through the use of Marco's contrasting centre lids and coloured socket plates, allowing for easy differentiation between the trunking and socket outlets.

CODE	DESCRIPTION	LENGTH	PACK QTY
<b>MTD3LGL</b>	Apollo 3 - Dado Profile - White with Light Grey Lid	3m	2 x 3m
<b>MTD3CHL</b>	Apollo 3 - Dado Profile - White with Charcoal Lid	3m	2 x 3m
<b>MTDQ3LGL</b>	Apollo 3 - Square Profile - White with Light Grey Lid	3m	2 x 3m
<b>MTDQ3CHL</b>	Apollo 3 - Square Profile - White with Charcoal Lid	3m	2 x 3m
<b>MTS3LGL</b>	Apollo 3 - Skirting Profile - White with Light Grey Lid	3m	2 x 3m
<b>MTS3CHL</b>	Apollo 3 - Skirting Profile - White with Charcoal Lid	3m	2 x 3m

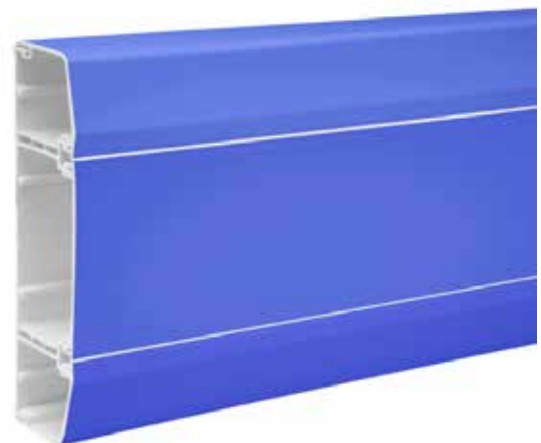


### Apollo 3 - Hygieia

Apollo 3 is available with Marco's Hygieia finish, offering anti-microbial protection against 99.9% of harmful bacteria. The anti-microbial compound forms an integral part of the trunking, meaning there is no loss of performance if the trunking becomes scratched or damaged. All of Apollo's additional components are also available with anti-microbial.

Marco Hygieia trunking is supplied with a protective blue plastic film for extra protection during transit and installation.

CODE	DESCRIPTION	LENGTH	PACK QTY
<b>MTD3AM</b>	Apollo 3 - Dado Profile - Anti-Microbial Finish	3m	2 x 3m
<b>MTDQ3AM</b>	Apollo 3 - Square Profile - Anti-Microbial Finish	3m	2 x 3m
<b>MTS3AM</b>	Apollo 3 - Skirting Profile - Anti-Microbial Finish	3m	2 x 3m



*Illustration purposes only, protective blue film to be removed during installation.*

*Light Grey and Charcoal Lid options available. Minimum quantities apply, contact our team for more information.*

# Apollo - Accessories - Chamfer

## Chamfered Top & Bottom Lids

### Flat Angle - Chamfer



Product Information	
Code	<b>MTDF3</b>
Dimensions (mm)	235 x 235 x 40
Pack Qty	1

Available Colours ☐ ☐ ☐

Chamfered profile pre-fabricated mitred flat angle with chamfered top and bottom lids. Flat angle can be installed in either direction and is supplied as a single unit. Data guides can be added to meet **CAT6**.

Additional joint covers (MTDJ3 x 2) required when fitting.

### Flat Tee - Chamfer



Product Information	
Code	<b>MTDT3</b>
Dimensions (mm)	300 x 240 x 50
Pack Qty	1

Available Colours ☐ ☐ ☐

Chamfered profile pre-fabricated mitred flat tee with chamfered top and bottom lids. Tee can be installed in either direction and top and bottom lids complement the profile of the trunking. Data guides can be added to meet **CAT6**.

Additional joint covers (MTDJ3 x 3) required when fitting.

### Internal Angle - Chamfer



Product Information	
Code	<b>MTDI3</b>
Dimensions (mm)	175 x 77 x 77
Pack Qty	1

Available Colours ☐ ☐ ☐

Moulded single unit chamfered profile internal angle. Clips over trunking.

Varying degree angles also available, contact team for more information.

### External Angle - Chamfer



Product Information	
Code	<b>MTDE3</b>
Dimensions (mm)	175 x 74 x 74
Pack Qty	1

Available Colours ☐ ☐ ☐

Moulded single unit chamfered profile external angle. Clips over trunking.

Varying degree angles also available, contact team for more information.

### End Cover - Chamfer



Product Information	
Code	<b>MTDC3</b>
Dimensions (mm)	175 x 51.5 x 12
Pack Qty	2

Available Colours ☐ ☐ ☐

Moulded end caps, supplied in pairs matching trunking profile.

### Joint Covers - Chamfer



Product Information	
Code	<b>MTDJ3</b>
Width (mm)	175 x 51.5 x 33
Pack Qty	5

Available Colours ☐ ☐ ☐

Moulded joint covers with an easy clip-in mechanism for faster installation. Supplied in packs of five.

Available Colours (Complete): ☐ Standard White ☐ Light Grey. Add LG to product code ☐ Charcoal. Add CH to product code

Available Colours (Lid Only): ☐ Standard White ☐ Light Grey Lid. Add LGL to product code ☐ Charcoal Lid. Add CHL to product code

# Apollo - Accessories - Square

## Square Top & Bottom Lids

### Flat Angle - Square



Product Information	
Code	<b>MTDQF3</b>
Dimensions (mm)	235 x 235 x 50
Pack Qty	1

Available Colours ☐ ☐ ☐

Pre-fabricated mitred joint flat angles with square top and bottom lids. Flat angle can be installed in either direction and is supplied as a single unit. Data guides can be added to meet CAT6.

Additional joint covers (MTDQJ3 x 2) required when fitting.

### Flat Tee - Square



Product Information	
Code	<b>MTDQT3</b>
Dimensions (mm)	300 x 240 x 50
Pack Qty	1

Available Colours ☐ ☐ ☐

Pre-fabricated mitred joint flat tee with square top and bottom lids. Tee can be installed in either direction and top and bottom lids complement the flush finish of the trunking. Data guides can be added to meet CAT6.

Additional joint covers (MTDQJ3 x 3) required when fitting.

### Internal Angle - Square



Product Information	
Code	<b>MTDQI3</b>
Dimensions (mm)	175 x 77 x 77
Pack Qty	1

Available Colours ☐ ☐ ☐

Moulded single unit internal angle cover. Clips over and sits above trunking.

Varying degree angles also available, contact team for more information.

### External Angle - Square



Product Information	
Code	<b>MTDQE3</b>
Dimensions (mm)	175 x 77 x 77
Pack Qty	1

Available Colours ☐ ☐ ☐

Moulded single unit external angle. Clips over and sits above trunking. Supplied as single units.

Varying degree angles also available, contact team for more information.

### End Cover - Square



Product Information	
Code	<b>MTDQC3</b>
Dimensions (mm)	175 x 51.5 x 12
Pack Qty	2

Available Colours ☐ ☐ ☐

Moulded end caps, supplied in pairs matching trunking profile.

### Joint Cover - Square



Product Information	
Code	<b>MTDQJ3</b>
Width (mm)	175 x 77 x 77
Pack Qty	4 x 1.5M

Available Colours ☐ ☐ ☐

Moulded joint covers with an easy clip in mechanism for faster installation. Supplied in packs of five.

# Apollo - Accessories - Skirting

## Chamfer Top & Square Bottom Lids

### Flat Angle - Up & Down - Skirting



Product Information	UP	DOWN
Code	<b>MTSF3U</b>	<b>MTSF3D</b>
Dimensions (mm)	235 x 235 x 50	
Pack Qty	1	

Available Colours ☐ ☐ ☐

Skirting profile pre-fabricated mitred flat angles with chamfered top and square bottom lids.

Up has chamfered lid on inside bend.

Down has chamfered lid on outside bend.

Data guides can be added to meet **CAT6**.

Additional joint covers (MTSJ3 x 2) required when fitting.

### Internal Angle - Skirting



Product Information	
Code	<b>MTSI3</b>
Dimensions (mm)	175 x 77 x 77
Pack Qty	1

Available Colours ☐ ☐ ☐

Moulded single unit skirting profile internal angle cover. Clips in and sits above trunking.

Varying degree angles also available, contact team for more information.

### End Cover - Skirting



Product Information	LEFT	RIGHT
Code	<b>MTSCL3</b>	<b>MTSCR3</b>
Dimensions (mm)	175 x 51.5 x 12	
Pack Qty	2	2

Available Colours ☐ ☐ ☐

Moulded end caps, supplied in pairs matching trunking profile.

### Flat Tee - Skirting



Product Information	
Code	<b>MTST3</b>
Dimensions (mm)	300 x 240 x 50
Pack Qty	1

Available Colours ☐ ☐ ☐

Skirting profile pre-fabricated mitred joint flat tee with chamfered top and square bottom lids. Tee can be installed in either direction and top and bottom lids complement the finish of the trunking. Data guides can be added to meet **CAT6**. Down option available on request.

Additional joint covers (MTSJ3 x 3) required when fitting.

### External Angle - Skirting



Product Information	
Code	<b>MTSE3</b>
Dimensions (mm)	175 x 74 x 74
Pack Qty	1

Available Colours ☐ ☐ ☐

Moulded single unit skirting profile external angle cover. Clips in over trunking. Supplied as single units.

Varying degree angles also available, contact team for more information.

### Joint Covers - Skirting



Product Information	
Code	<b>MTSJ3</b>
Width (mm)	175 x 51.5 x 33
Pack Qty	5

Available Colours ☐ ☐ ☐

Moulded joint covers with an easy clip-in mechanism for faster installation. Supplied in packs of five.

Available Colours (Complete): ☐ Standard White ☐ Light Grey. Add LG to product code ☐ Charcoal. Add CH to product code

Available Colours (Lid Only): ☐ Standard White ☐ Light Grey Lid. Add LGL to product code ☐ Charcoal Lid. Add CHL to product code

# Apollo - Universal Accessories

## 3 Compartment Trunking

### Cable Retainer



Product Information	
Code	<b>MTCR</b>
Pack Qty	20

Clip-in cable retainer. Designed to offer additional stability when holding cables in place through the trunking.

### Accessory Spacer



Product Information	
Code	<b>MTLS</b>
Dimensions (mm)	87 x 60
Pack Qty	10

Available Colours ☐ ☐ ☐

Single unit accessory spacer. Fits on to centre compartment using the same quick snap-on system as centre lid.

### RCD/MCB DIN Rail Housing Kit



Product Information	
Code	<b>MTRCDH</b>
Pack Qty	1

Includes: hinged cover, mounting frame and mounting bracket. Marco locking mechanism available.

### Data Guides



Product Information	
Code	<b>Add Suffix DG to angle codes</b>
Pack Qty	1

Data guides, designed to enable CAT6 compliance throughout Apollo trunking accessories by maintaining necessary bend radius.

### Steel Strip Screening Divider



Product Information	
Code	<b>MTAS</b>
Pack Qty	4 x 1.5M

Slide-in screening divider for Apollo. Meets BSEN50174-2 for power and data separation. Supplied in 1.5m lengths.

### uPVC Universal Divider Strip



Product Information	
Code	<b>MTD105</b>
Pack Qty	16 x 1.5m

Slide in uPVC divider for Marco trunking products. Supplied in 1.5m lengths.

Security fittings are available for many of our uPVC accessories, contact our sales team for more information





# Apollo - Accessory Boxes

## 3 Compartment Trunking

### 1 - Gang Socket Boxes



Product Information	35mm 1-Gang Socket Box	35mm 1-Gang Socket Box, 4 Pillar	25mm 1-Gang Socket Box	25mm 1-Gang Socket Box, 4 Pillar
Code	<b>MTSB1</b>	<b>MTSB1-4</b>	<b>MTSB1-25</b>	<b>MTSB1-25-4</b>
Depth (mm)	35	35	25	25
No. of Pillars	2	4	2	4
Pack Qty	10	10	10	10

### 2 - Gang Socket Boxes



Product Information	35mm 2-Gang Socket Box	25mm 2-Gang Socket Box
Code	<b>MTSB2</b>	<b>MTSB2-25</b>
Depth (mm)	35	25
No. of Pillars	2	2
Pack Qty	10	10

### 1 & 2 - Gang Socket Frames



Product Information	1-gang socket mounting frame	2-gang socket mounting frame
Code	<b>MTSB1-F</b>	<b>MTSB2-F</b>
Depth (mm)	N/A	N/A
No. of Pillars	4	2
Pack Qty	10	10

# Apollo - 4 Compartment

257 x 50mm

4 Compartment Trunking

## Apollo 4

Marco's Apollo Trunking can also be modified to become a four compartment trunking, with a profile of 257 x 50mm, through the addition of the MT4KI extension kit.

Lengths are supplied as the standard MTD3 system, with the additional extension kit included. Apollo 4 compartment benefits from having two large centre compartments, both able to accommodate socket boxes and accessories.

For more information, contact our team.

### MTD4

Chamfered



### MTDQ4

Square



### MTS4

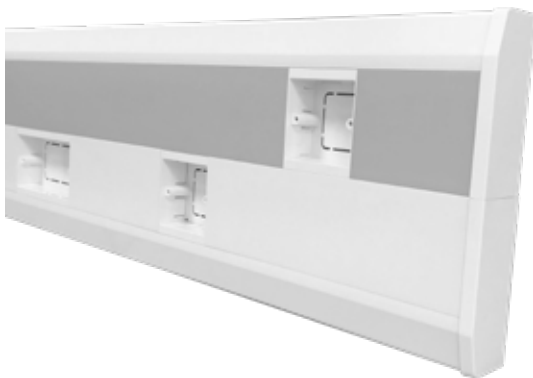
Skirting



CODE	DESCRIPTION	LENGTH	PACK QTY
<b>MTD4</b>	Apollo 4 - Dado Profile - Pure White	3m	2 x 3m
<b>MTD4LG</b>	Apollo 4 - Dado Profile - Light Grey	3m	2 x 3m
<b>MTD4CH</b>	Apollo 4 - Dado Profile - Charcoal	3m	2 x 3m
<b>MTDQ4</b>	Apollo 4 - Square Profile - Pure White	3m	2 x 3m
<b>MTDQ4LG</b>	Apollo 4 - Square Profile - Light Grey	3m	2 x 3m
<b>MTDQ4CH</b>	Apollo 4 - Square Profile - Charcoal	3m	2 x 3m
<b>MTS4</b>	Apollo 4 - Skirting Profile - Pure White	3m	2 x 3m
<b>MTS4LG</b>	Apollo 4 - Skirting Profile - Light Grey	3m	2 x 3m
<b>MTS4CH</b>	Apollo 4 - Skirting Profile - Charcoal	3m	2 x 3m

## Apollo 4 - DDA

Marco's Apollo trunking is also able to adhere to DDA specification through the use of Marco's contrasting centre lids and coloured socket plates, allowing for easy differentiation between the trunking and its outlets.



CODE	DESCRIPTION	LENGTH	PACK QTY
<b>MTD4LGL</b>	Apollo 4 - Dado Profile - White with Light Grey Lid	3m	2 x 3m
<b>MTD4CHL</b>	Apollo 4 - Dado Profile - White with Charcoal Lid	3m	2 x 3m
<b>MTDQ4LGL</b>	Apollo 4 - Square Profile - White with Light Grey Lid	3m	2 x 3m
<b>MTDQ4CHL</b>	Apollo 4 - Square Profile - White with Charcoal Lid	3m	2 x 3m
<b>MTS4LGL</b>	Apollo 4 - Skirting Profile - White with Light Grey Lid	3m	2 x 3m
<b>MTS4CHL</b>	Apollo 4 - Skirting Profile - White with Charcoal Lid	3m	2 x 3m

## Accessories

CODE	DESCRIPTION	PACK QTY
<b>MTDF4**</b>	Flat Angle - Dado	1
<b>MTDQF4**</b>	Flat Angle - Square	1
<b>MTSF4U**</b>	Flat Angle - Skirting - Up	1
<b>MTSF4D**</b>	Flat Angle - Skirting - Down	1
<b>MTDT4**</b>	Flat Tee - Dado	1
<b>MTDQT4**</b>	Flat Tee - Square	1
<b>MTST4**</b>	Flat Tee - Skirting	1
<b>MTDC4*</b>	End Cover - Dado	2
<b>MTDQC4*</b>	End Cover - Square	2
<b>MTSCR4*</b>	End Cover - Skirting - Right	2

CODE	DESCRIPTION	PACK QTY
<b>MTSCL4*</b>	End Cover - Skirting - Left	2
<b>MTDI4*</b>	Internal Angle - Dado	1
<b>MTDQI4*</b>	Internal Angle - Square	1
<b>MTSI4*</b>	Internal Angle - Skirting	1
<b>MTDE4*</b>	External Angle - Dado	1
<b>MTDQE4*</b>	External Angle - Square	1
<b>MTSE4*</b>	External Angle - Skirting	1
<b>MTDJ4*</b>	Joint Cover - Dado	5
<b>MTDQJ4*</b>	Joint Cover - Square	5
<b>MTSJ4*</b>	Joint Cover - Skirting	5

\* Supplied as a 2-part fitting    \*\* Joint covers required when fitting

# Juno

## Single Compartment Trunking

**100 x 50mm**

Marco's Juno trunking is a single compartment uPVC dado system, which can be subdivided with a dividing strip for power, data and telecommunication cables. The position of the divider fixing points allow for two, three or four compartments to be made depending on installation needs.

Marco also offer Juno as individual pre-assembled units, ideal for student accommodation, and other installations with repeating specifications.



## Key Features



### 1, 2, 3 or 4 Compartment

Marco's Juno trunking is unique in its ability to be divided into a multiple compartment solution whilst keeping its compact profile.



### DDA & Part M

DDA compliance is attainable through the use of Marco's contrasting centre lids or socket plates. Juno is available with light grey or charcoal variations to its standard pure white centre lid.



### 100 x 50mm Profile

Juno's smaller profile makes it perfect for installations with small distribution requirements, especially where space is limited.



### BIM Download

Juno forms part of the Marco BIM downloads, an integral part of the Marco uPVC range, the entire Juno product family is available.



### Hygieia Protection

Juno is available with Marco's Hygieia protection. The anti-microbial element forms an integral part of the trunking meaning there is no loss of performance if the trunking is damaged.

Marco offer pre-assembled Juno units, ideal for student accommodation, as well as other repetitive installations.

**Please contact our sales team for more information on the range.**

# Juno

## Single Compartment Trunking

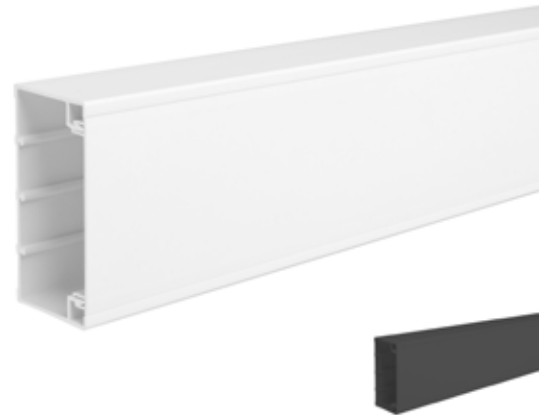
### Juno

Marco's Juno is a single compartment trunking with the ability to be sub-divided up to three times, enabling it to form up to four compartments.

Juno is ideal for smaller installations where cable segregation is key. Its compact design makes it perfect for domestic and commercial use, and has seen use in projects with repeating units such as student accommodation and offices.

Full Charcoal and Light grey lengths are manufactured to order and minimum quantities apply.

CODE	DESCRIPTION	LENGTH	PACK QTY
<b>MT105</b>	Juno - Pure White	3m	2 x 3m
<b>MT105CH</b>	Juno - Charcoal	3m	2 x 3m



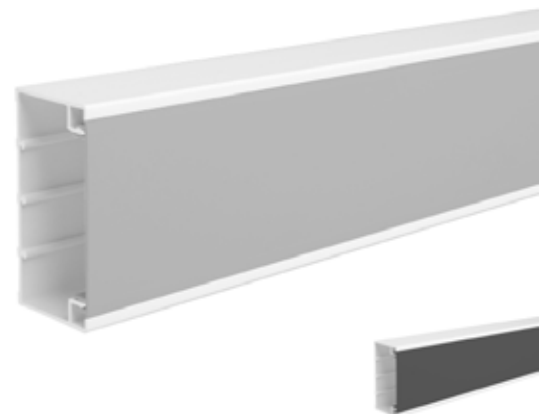
### Juno - DDA

Juno is also able to accommodate DDA compliance through the use of Marco's contrasting centre lid. Juno can also accept Marco's DDA socket plates giving the required level of contrast around socket outlets.



For more DDA & Part M compliance options, see page 9

CODE	DESCRIPTION	LENGTH	PACK QTY
<b>MT105LGL</b>	Juno - Pure White with Light Grey Lid	3m	2 x 3m
<b>MT105CHL</b>	Juno - Pure White with Charcoal Lid	3m	2 x 3m



### Juno - Hygieia

Juno is also available with Marco's Hygieia protection. Anti-Microbial compound is added during the manufacturing process, forming an integral part of the trunking resulting in a consistent performance even if the trunking is scuffed or damaged.

Centre lid is supplied in a protective blue film for extra protection during installation.

Juno - Hygieia is manufactured to order and minimum quantities apply.

CODE	DESCRIPTION	LENGTH	PACK QTY
<b>MT105AM</b>	Juno - Pure White with Anti-Microbial	3m	2 x 3m
<b>MT105AMLGL</b>	Juno - Light Grey with Anti-Microbial	3m	2 x 3m
<b>MT105AMCHL</b>	Juno - Charcoal with Anti-Microbial	3m	2 x 3m

Minimum order quantities apply to Charcoal Anti-Microbial, please contact us for more information.

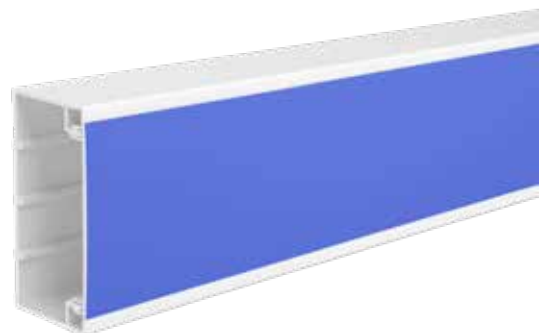


Illustration purposes only, protective blue film to be removed during installation.

# Juno - Accessories

## Single Compartment Trunking

### Flat Angle



Product Information	
Code	<b>MTF105</b>
Pack Qty	1

Available Colours ☐ ☒

Moulded 90 degree flat angle bend for Juno trunking. Supplied as single units.

### Flat Tee



Product Information	
Code	<b>MTT105</b>
Pack Qty	1

Available Colours ☐ ☒

Moulded flat tee for Juno trunking. Can be used to connect three lengths in any direction. Supplied as single units.

### Internal Angle



Product Information	
Code	<b>MTI105</b>
Pack Qty	1

Available Colours ☐ ☒

Moulded single unit internal angle for Juno trunking. Connects two lengths creating a 90 degree bend. Supplied as single units.

### External Angle



Product Information	
Code	<b>MTE105</b>
Pack Qty	1

Available Colours ☐ ☒

Moulded single unit external angle cover. Clips in and sits above trunking. Supplied as single units.

### End Cover



Product Information	
Code	<b>MTC105</b>
Pack Qty	2

Available Colours ☐ ☒

Moulded end caps, supplied in pairs matching trunking profile.

### Joint Cover



Product Information	
Code	<b>MTJ105</b>
Pack Qty	5

Available Colours ☐ ☒

Moulded joint covers with an easy clip in mechanism for faster installation. Supplied in packs of five.

Available Colours: ☐ Standard White ☒ Charcoal. Add CH to product code

# Juno - Accessories

Single Compartment Trunking

## uPVC Universal Divider Strip



Product Information	
Code	<b>MTD105</b>
Pack Qty	16 x 1.5m

Available Colours ☐ ☐ ☐

Slide in uPVC divider for Marco trunking products. Supplied in 1.5m lengths.

## Accessory Spacer



Product Information	
Code	<b>MTLS</b>
Dimensions (mm)	87 x 60
Pack Qty	10

Available Colours ☐ ☐ ☐

Single unit accessory spacer. Fits on to centre compartment using the same quick snap-on system as centre lid.

# Juno - Accessory Boxes

Single Compartment Trunking

## 1 - Gang Socket Boxes



Product Information	35mm 1-Gang Socket Box	35mm 1-Gang Socket Box, 4 Pillar	25mm 1-Gang Socket Box	25mm 1-Gang Socket Box, 4 Pillar
Code	<b>MTSB1</b>	<b>MTSB1-4</b>	<b>MTSB1-25</b>	<b>MTSB1-25-4</b>
Depth (mm)	35	35	25	25
No. of Pillars	2	4	2	4
Pack Qty	10	10	10	10

## 2 - Gang Socket Boxes



Product Information	35mm 2-Gang Socket Box	25mm 2-Gang Socket Box
Code	<b>MTSB2</b>	<b>MTSB2-25</b>
Depth (mm)	35	25
No. of Pillars	2	2
Pack Qty	10	10

MTSB1-F & MTSB2-F Socket mounting frames also available, contact our team for more information.



# Maxi Trunking

50, 75 & 100mm Single Compartment Trunking

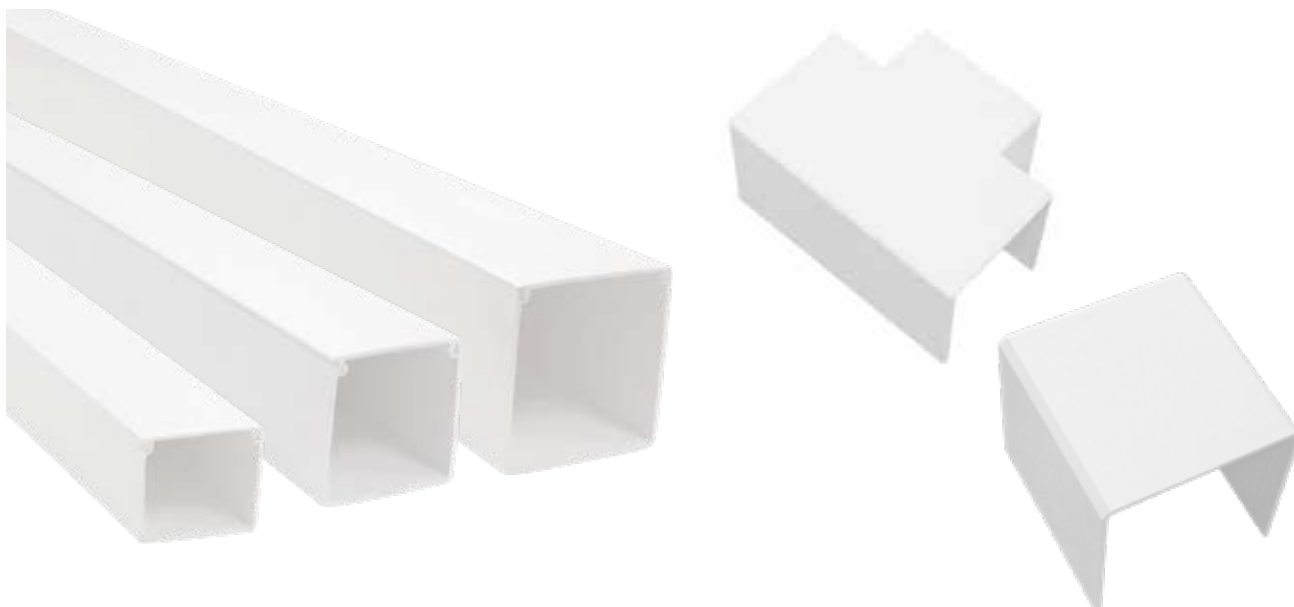
50x50, 75x75 & 100x100



Marco's new Maxi trunking range is the perfect solution for a number of cable management project installations, including domestic and commercial installs. Marco's Maxi trunking is supplied in three standard sizes, 50mm, 75mm & 100mm, and are all available with a range of accessories and fittings.

Supplied with a unique **secure-lock lid**, Marco's Maxi trunking is able to offer a tamper proof solution, keeping cables protected in all environments.

Maxi Trunking is supplied in 3 metre lengths as standard.



## Key Features



### 3 Sizes Available

Marco's Maxi trunking is available in three profiles, with sizes available to suit any project installation.



### Full Range of Fittings

Marco's Maxi trunking is available with a full range of supporting accessories and fittings, including moulded and fabricated accessories.



### Secure-Lock Lid

Maxi's secure-lock lid provides a robust solution which ensures that both the trunking exterior aesthetics are preserved, and interior cables are protected from tapering.

### Maxi Trunking

Marco's Maxi Trunking is available in three sizes, able to suit any installation.

Maxi trunking is supplied in 3 metre lengths, in a pure white finish.



Product Information			
Code	MMT50	MMT75	MMT100
Height (mm)	50	75	100
Width (mm)	50	75	100
Pack Qty	12 x 3m	12 x 3m	12 x 3m

Maxi trunking systems conform to the following standards: BS4678 Part 4, BS7671 (17th Edition IEE regs), BS6701, ANSI/TIA/EIA 568B, ISO IEC 11801 (ED 2.0)

Please contact our sales team for more information on the range.

# Maxi Trunking - Accessories

50, 75 & 100mm Single Compartment Trunking

## Flat Angle



Product Information		
Size (mm)	PACK QTY	CODE
50 x 50	2	<b>MMTF50</b>
75 x 75	1	<b>MMTF75</b>
100 x 100	1	<b>MMTF100</b>

Flat angles for maxi trunking. Available in all sizes of Maxi trunking. Product shown is the MMT50 variant, 75 & 100 versions are fabricated.

## Flat Tee



Product Information		
Size (mm)	PACK QTY	CODE
50 x 50	2	<b>MMTT50</b>
75 x 75	1	<b>MMTT75</b>
100 x 100	1	<b>MMTT100</b>

Flat tee for maxi trunking. Available in all sizes of Maxi trunking. Product shown is the MMT50 variant, 75 & 100 versions are fabricated.

## Internal Angle



Product Information		
Size (mm)	PACK QTY	CODE
50 x 50	2	<b>MMTI50</b>
75 x 75	1	<b>MMTI75</b>
100 x 100	1	<b>MMTI100</b>

Internal angles for maxi trunking. Available in all sizes of Maxi trunking. Product shown is the MMT50 variant, 75 & 100 versions are fabricated.

## External Angle



Product Information		
Size (mm)	PACK QTY	CODE
50 x 50	2	<b>MMTE50</b>
75 x 75	1	<b>MMTE75</b>
100 x 100	1	<b>MMTE100</b>

External angles for maxi trunking. Available in all sizes of Maxi trunking. Product shown is the MMT50 variant, 75 & 100 versions are fabricated.

## End Cover



Product Information		
Size (mm)	PACK QTY	CODE
50 x 50	8	<b>MMTC50</b>
75 x 75	4	<b>MMTC75</b>
100 x 100	4	<b>MMTC100</b>

Moulded single unit end caps for Maxi trunking. Available in all three sizes. Product shown is the MMT50 variant.

## Internal Joint Cover



Product Information		
Size (mm)	PACK QTY	CODE
50 x 50	2	<b>MMTJ50</b>
75 x 75	2	<b>MMTJ75</b>
100 x 100	2	<b>MMTJ100</b>

Moulded single unit joint cover for Maxi trunking. Available in all sizes. Product shown is the MMT50 variant.

## Socket Mounting Frames - 100 x 100mm only



Product Information		
Description	PACK QTY	CODE
1-Gang Frame	10	<b>MMBF1</b>
2-Gang Frame	10	<b>MMBF2</b>

Socket Mounting Frames for Maxi Trunking. 1 & 2 Gang options available. Frames only suitable for 100 x 100mm Trunking.

## Socket Mounting Boxes - 100 x 100mm only



Product Information		
Description	PACK QTY	CODE
1-Gang Box	10	<b>MMBX1</b>
2-Gang Box	10	<b>MMBX2</b>

Socket Mounting Boxes for Maxi Trunking. 1 & 2 Gang options available. Boxes only suitable for 100 x 100mm Trunking.

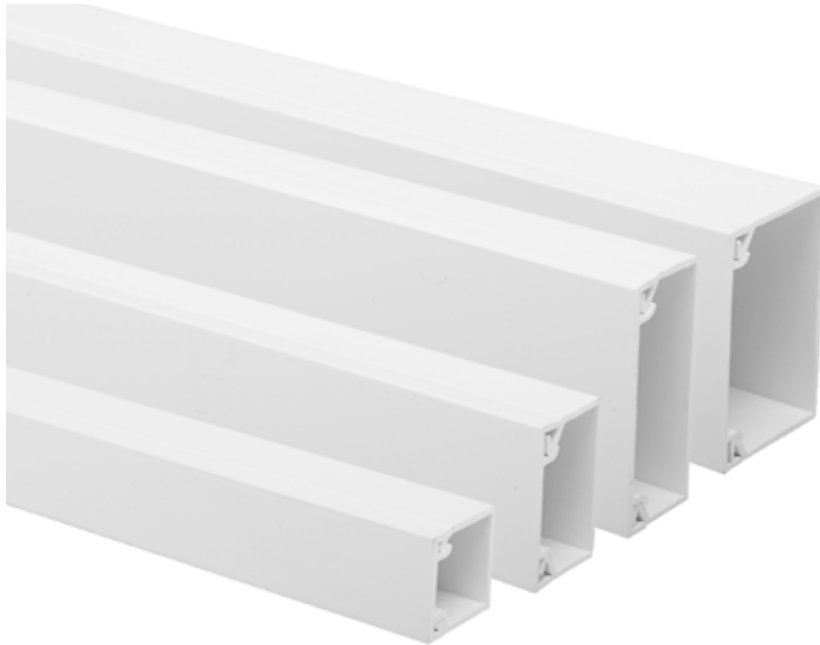
# Mini Trunking

## Standard and Self-Adhesive Trunking System

Marco uPVC mini trunking allows for both power and data cabling to be installed within commercial or domestic buildings, making the products ideal for new build and refurbishments.

As with its sister products, Marco's Mini trunking has been designed with a clean, pure white, modern aesthetic that incorporates a high impact resistant uPVC compound, giving the product a durable yet versatile finish.

Mini trunking is available with a **self-adhesive** back, for even faster and easier installation.



Mini

## Key Features



### 4 Sizes Available

Marco's mini trunking is available in four sizes, making it suitable for a number of installation requirements.



### Full Range of Fittings

Each size of Marco's Mini trunking comes with a full range of fittings and accessories.



### Self Adhesive

Mini trunking is available with a self adhesive base, allowing for quick installation without compromising performance.



### BIM Download

Mini forms part of the Marco BIM downloads, an integral part of the Marco uPVC range, the entire Mini product family is available.



### Secure-Lock Lid

Mini's snap on lid allows for quick installation of power and data cabling, with secure fit to ensure cabling is kept inside.

Mini trunking systems conform to the following standards: BS4678 Part 4, BS7671 (17th Edition IEE regs), BS6701, ANSI/TIA/EIA 568B, ISO IEC 11801 (ED 2.0)

Please contact our sales team for more information on the range.

# Mini Trunking - Accessories

Standard and Self-Adhesive Trunking System

## Mini

Available in four sizes, Mini trunking is designed for electrical contractors and data installers allowing the lid to be removed and snapped on with ease, making the product ideal for moves, adds and changes (MAC) installations. The trunking is available with a full range of fittings and accessories.



Product Information				
Code	MM1	MM2	MM3	MM4
Width (mm)	16	25	38	38
Height (mm)	16	16	16	25
Pack Qty	90m	90m	45m	45m

## Mini - Self Adhesive

Marco's Mini trunking is also available with a self-adhesive backing for quick installation.



Product Information				
Code	MMS1	MMS2	MMS3	MMS4
Width (mm)	16	25	38	38
Height (mm)	16	16	16	25
Pack Qty	90m	90m	45m	45m

# Mini Trunking - Accessories

## Standard and Self-Adhesive Trunking System

### Flat Angle



Product Information		
Size (mm)	PACK QTY	CODE
16 x 16	60	<b>MM1F</b>
25 x 16	30	<b>MM2F</b>
38 x 16	25	<b>MM3F</b>
38 x 25	20	<b>MM4F</b>

Moulded single unit flat angle for mini trunking. Available in all four sizes of mini trunking. Product shown is the MM3 variant.

### Flat Tee



Product Information		
Size (mm)	PACK QTY	CODE
16 x 16	20	<b>MM1T</b>
25 x 16	30	<b>MM2T</b>
38 x 16	25	<b>MM3T</b>
38 x 25	20	<b>MM4T</b>

Moulded single unit flat tee for mini trunking. Available in all four sizes of mini trunking. Product shown is the MM3 variant.

### Internal Angle



Product Information		
Size (mm)	PACK QTY	CODE
16 x 16	50	<b>MM1I</b>
25 x 16	30	<b>MM2I</b>
38 x 16	25	<b>MM3I</b>
38 x 25	25	<b>MM4I</b>

Moulded single unit internal angle for mini trunking. Available in all four sizes of mini trunking. Product shown is the MM3 variant.

### External Angle



Product Information		
Size (mm)	PACK QTY	CODE
16 x 16	50	<b>MM1E</b>
25 x 16	30	<b>MM2E</b>
38 x 16	25	<b>MM3E</b>
38 x 25	25	<b>MM4E</b>

Moulded single unit external angle for mini trunking. Available in all four sizes of mini trunking. Product shown is the MM3 variant.

### End Cover



Product Information		
Size (mm)	PACK QTY	CODE
16 x 16	100	<b>MM1C</b>
25 x 16	100	<b>MM2C</b>
38 x 16	50	<b>MM3C</b>
38 x 25	50	<b>MM4C</b>

Moulded single unit end caps for mini trunking. Available in all four sizes of mini trunking. Product shown is the MM3 variant.

### Joint Cover



Product Information		
Size (mm)	PACK QTY	CODE
16 x 16	40	<b>MM1J</b>
25 x 16	40	<b>MM2J</b>
38 x 16	25	<b>MM3J</b>
38 x 25	25	<b>MM4J</b>

Moulded single unit joint cover for mini trunking. Available in all four sizes of mini trunking. Product shown is the MM3 variant.

# Mini Trunking - Surface Boxes

Standard and Self-Adhesive Trunking System

## 32mm Square Edge 1 - Gang



Product Information	
Code	<b>MSB32S1</b>
Pack Qty	10

Includes 20mm conduit knock-out

## 32mm Square Edge 2 - Gang



Product Information	
Code	<b>MSB32S2</b>
Pack Qty	10

Includes 20mm conduit knock-out

## 32 mm Round Edge 1 - Gang



Product Information	
Code	<b>MSB32R1</b>
Pack Qty	10

Includes 20mm conduit knock-out

## 32mm Round Edge 2 - Gang



Product Information	
Code	<b>MSB32R2</b>
Pack Qty	10

Includes 20mm conduit knock-out

## 44mm Round Edge 1 - Gang



Product Information	
Code	<b>MSB44R1</b>
Pack Qty	10

Includes 20mm conduit knock-out

## 44mm Round Edge 2 - Gang



Product Information	
Code	<b>MSB44R2</b>
Pack Qty	10

Includes 20mm conduit knock-out

## 16 x 16 Surface Box Adapter



Product Information	
Code	<b>MM1BA</b>
Pack Qty	25

Includes 20mm conduit knock-out

## 25 x 16 Surface Box Adapter



Product Information	
Code	<b>MM2BA</b>
Pack Qty	25

Includes 20mm conduit knock-out



# Aluminium Bench Systems

Desktop Solutions from Marco

**marco**  
cablemanagement

# Contents

Aluminium Bench Trunking

---

Bench Trunking	52
Accessories	54
Prefabricated Units	55

# Aluminium Bench Trunking

## Desktop Cable Management Systems

Marco Bench trunking is manufactured from satin anodised aluminium and is fitted with a **white uPVC centre lid**. Available in both anodised aluminium and white **powder-coated** finishes, Marco's Bench Trunking systems are the perfect solution for environments where a robust solution is required.

Marco's bench trunking is available as **Individual Lengths**, **Back-to-Back** lengths and as a variety of **Pre-Assembled Units**, ideal for island workstations or modular builds.

A full range of moulded and fabricated fittings is available, and both 35 and 25mm back boxes can be installed at any point along the system.

Optional 2-metre clip-in dividers (MTD1052) are available for segregation of power and data cabling.

### MTBT

Bench Trunking



### MTBT-BB

Back-to-Back Lengths



### MTBU

Bench Units



## Key Features



### DDA & Part M

Marco's bench trunking is also able to accommodate Marco's contrasting centre lids and socket plates, perfect for use in schools and labs.



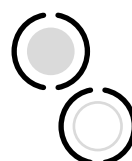
### Strong & Secure

The aluminium body used for Marco's bench trunking keeps the product sturdy and strong. Perfect for installations where heavy use is expected.



### 100 x 100mm Profile

Designed for capacity, Marco's bench trunking has a large main compartment which can be split in to multiple compartments if required.



### 2 Colours Available

Marco's MTBT Bench trunking system is available in Silver and White. Silver systems have a brushed aluminium finish, white systems have a powder coated finish.

Marco Bench systems meet and exceed the requirements for BS 4678, BS 7671, BS 6701, ISO/IEC 1181 (ED2.0 Amd 2), and Cenlec (BS EN 50173 Part 1/2, BS EN 50174-2) standards.  
For more information on the range, or for further material specification, contact our team today.

# Aluminium Bench Trunking

Desktop Cable Management Systems

## Bench Trunking

Available in both anodised aluminium and white powder coated finishes making it a suitable choice for a number of environments.

Bench trunking is suitable for desk, bench or worktop applications, and can also be installed on the underside of shelving if required.

Marco bench trunking can accept 25mm and 35mm socket boxes and has a range of complementing accessories to suit.

Bench Trunking is available with DDA compliant Light Grey or Charcoal Centre Lid.

CODE	DESCRIPTION	LENGTH	PACK QTY
MTBT	Bench Trunking - Aluminium Body, uPVC Lid	2m	1 x 2m
MTBTW	Bench Trunking - White Powder Coated Body, uPVC Lid	2m	1 x 2m



## Back To Back Bench Trunking

Marco bench trunking is available in back-to-back lengths, perfect for long runs of facing tables in environments such as classrooms or labs. The back-to-back design allows for socket boxes to be installed on either side of the trunking without compromising stability or functionality.

Bench Trunking is available with DDA compliant Light Grey or Charcoal Centre Lid.

CODE	DESCRIPTION	LENGTH	PACK QTY
MTBT-BB	Back to Back - Aluminium Body, uPVC Lid	2m	1 x 2m
MTBT-BBW	Back to Back - White Powder Coated Body, uPVC Lid	2m	1 x 2m



## Accessories

Marco bench trunking can accommodate the following accessory boxes and divider strip.



CODE	DESCRIPTION	PACK QTY
MTPSB1	Socket Mounting Box 35mm 1-gang	10
MTPSB1-25	Socket Mounting Box 25mm 1-gang	10
MTPSB2	Socket Mounting Box 35mm 2-gang	10
MTPSB2-25	Socket Mounting Box 25mm 2-gang	10
MTD1052	uPVC Divider	10 x 2m
MTBTDCDH	RCD/DIN Rail Housing Kit	1

# Bench Trunking - Accessories

## Desktop Cable Management Systems

### Internal Angle - Silver



Product Information	
Code	<b>MTBTI</b>
Dimensions (mm)	150 x 150 x 100
Pack Qty	1

Fabricated internal angle for bench trunking. Anodised aluminium body, white uPVC lid.

Additional joint covers (MTBTJ) required when fitting.

### Internal Angle - White



Product Information	
Code	<b>MTBTIW</b>
Dimensions (mm)	150 x 150 x 100
Pack Qty	1

Fabricated internal angle for bench trunking. White powder coated aluminium body, white uPVC lid.

Additional joint covers (MTBTJ) required when fitting.

### External Angle - Silver



Product Information	
Code	<b>MTBTE</b>
Dimensions (mm)	150 x 150 x 100
Pack Qty	1

Fabricated external angle for bench trunking. Anodised aluminium body, white uPVC lid.

Additional joint covers (MTBJ) required when fitting.

### External Angle - White



Product Information	
Code	<b>MTBTEW</b>
Dimensions (mm)	150 x 150 x 100
Pack Qty	1

Fabricated external angle for bench trunking. White powder coated aluminium body, white uPVC lid.

Additional joint covers (MTBJ) required when fitting.

### End Cover



Product Information	
Code	<b>MTBC</b>
Dimensions (mm)	102.5 x 102.5 x 11.5
Pack Qty	2

Moulded end caps, supplied in pairs matching trunking profile. uPVC End Covers are available in white, light grey and charcoal, contact the team for more information. Screws Included.

### Joint Cover



Product Information	
Code	<b>MTBJ</b>
Dimensions (mm)	102 x 102 x 25
Pack Qty	2

Moulded joint covers with an easy clip-in mechanism for faster installation. Joint covers must be fixed when joining lengths together.

uPVC Joint Covers are available in white, light grey and charcoal, contact the team for more information.

# Bench Trunking Units

Desktop Cable Management Systems

## 1 - Gang Units



Product Information				
Code	MTBU1	MTBU1W	MTBU1-BB	MTBU1-BBW
Height (mm)	102.5	102.5	102.5	102.5
Length (mm)	129	129	129	129
Pack Qty	1	1	1	1

## 2 - Gang Units



Product Information				
Code	MTBU2	MTBU2W	MTBU2-BB	MTBU2-BBW
Height (mm)	102.5	102.5	102.5	102.5
Length (mm)	190	190	190	190
Pack Qty	1	1	1	1

## 3 - Gang Units



Product Information				
Code	MTBU3	MTBU3W	MTBU3-BB	MTBU3-BBW
Height (mm)	102.5	102.5	102.5	102.5
Length (mm)	291	291	291	291
Pack Qty	1	1	1	1

## 4 - Gang Units



Product Information				
Code	MTBU4	MTBU4W	MTBU4-BB	MTBU4-BBW
Height (mm)	102.5	102.5	102.5	102.5
Length (mm)	352	352	352	352
Pack Qty	1	1	1	1

Alternative configurations and sizes are available. Please contact our sales team for more information on the range.



# Aluminium Power Poles & Posts

Power & Data distribution for open plan spaces

**marco**  
cablemanagement



# Contents

Aluminium Cable Management Solutions

---

Poles & Posts ..... 58

Accessories ..... 59

# Power Poles & Posts

## Aluminium Cable Management Solutions

**3.6 Metre & 650mm**

Power poles and posts are a perfect solution for projects requiring power and data distribution to island workstations or in the middle of open-plan spaces.

The systems benefit from strong aluminium profiles, designed to retain their rigidity in all installation environments.

Both the pole and post can achieve DDA compliance through the use of Marco's contrasting centre lids.

Each system is ready to install out of the box, and comes pre-packed with all necessary accessories and fittings.

Marco power poles are available in **Silver**, and **White** finishes. All poles are supplied with white uPVC fittings.

## Key Features



### Strong & Secure

The system benefits from a strong aluminium core profile, keeping it rigid and secure in all types of installation.\*



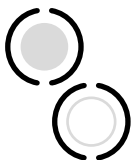
### DDA & Part M

Marco's Poles & Posts are also able to accommodate Marco's contrasting centre lids, perfect for use in schools and labs.



### Ready, straight from the box

Each of Marco's poles and posts are supplied with all necessary accessories straight out of the box. This includes 6 x 1-Gang 35mm accessory boxes and 6 metres of dividing strip.



### 2 Colours Available

Marco's Power Poles & Posts are available in Silver and White.

Silver systems have a brushed aluminium finish, white systems have a powder coated finish.



\*Extra jacking mechanism required when cutting pole down to size.  
Contact sales department for more information.

# Power Poles & Posts

Aluminium Cable Management Solutions

## Silver & White Power Poles

### Power Pole

Manufactured from aluminium for extra rigidity and strength, Marco's power poles are designed to carry power and data cabling from floors or ceilings.

Available in standard silver brushed aluminium or white powder coated finishes, Marco's power poles are able to accommodate any installation.

Power poles are also available in 5 metres, and standard 3.6 metre poles can be extended using Marco's 1 metre extension kit (MTP1E1/MTP1E1W).

CODE	DESCRIPTION	PACK QTY
<b>MTP1</b>	Power Pole, Silver Aluminium Body, uPVC Lids	1 x 3.6m
<b>MTP1-5</b>	Power Pole, Silver Aluminium Body, uPVC Lids, 5 Metre	1 x 5m
<b>MTP1W</b>	Power Pole, White Powder-Coated Body, uPVC Lids	1 x 3.6m
<b>MTP1W-5</b>	Power Pole, White Powder-Coated Body, uPVC Lids, 5 Metre	1 x 5m

*Each pole is supplied with the following:*

- 6 x 35mm 1-Gang Socket Boxes.
- 6 x Metres of Divider.
- 10 x MTLs Accessory Spacers.
- 1 x Jacking Mechanism.
- 1 x Floor Boot.
- 1 x Ceiling Shroud.

## Silver & White Power Posts

### Power Post

Marco power posts offer all the same cable management services as the power poles, in a smaller, desk height.

Posts are designed to carry cabling from underfloor systems to allow for power and data access in open plan spaces, specifically those which require under-desk access.

1 Metre power posts are also available.

CODE	DESCRIPTION	PACK QTY
<b>MTPP1</b>	Power Post, Silver Aluminium Body, uPVC Lids	1 x 650mm
<b>MTPP1-1000</b>	Power Post, Silver Aluminium Body, uPVC Lids, 1 Metre	1 x 1m
<b>MTPP1W</b>	Power Post, White Powder-Coated Body, uPVC Lids	1 x 650mm
<b>MTPP1W-1000</b>	Power Post, White Powder-Coated Body, uPVC Lids, 1 Metre	1 x 1m

*Each post is supplied with the following:*

- 6 x 35mm 1-Gang Socket Boxes.
- 6 x Metres of Divider.
- 10 x MTLs Accessory Spacers.
- 1 x Mounting Spline.
- 1 x Floor Boot.
- 1 x Pyramid Top.



# Power Poles - Accessories

## Aluminium Cable Management Solutions

### 35mm Accessory Box



Product Information	
Code	<b>MTPSB1</b>
Pack Qty	10

35mm Accessory box with 4 lugs.

### 25mm Accessory Box



Product Information	
Code	<b>MTPSB1-25</b>
Pack Qty	10

25mm Accessory box with 4 lugs.

### Ceiling Shroud



Product Information	
Code	<b>MTPCS</b>
Pack Qty	1

Replacement ceiling shroud for Marco power poles. White uPVC.

### Floor Boot



Product Information	
Code	<b>MTPFB</b>
Pack Qty	1

Replacement floor boot, fits both power poles & posts. White uPVC.

### Pyramid Top



Product Information	
Code	<b>MTPPT</b>
Pack Qty	1

Replacement pyramid top for the MTPP1 power posts. White uPVC

### 1 Metre Extension Kit



Product Information	
Code	<b>MTP1E1/MTP1E1W</b>
Pack Qty	1

1 metre extension kits for power poles. Available in silver and white.

# Power Poles - Accessories

Aluminium Cable Management Solutions

## RCD/MCB DIN Rail Housing



Product Information	
Code	<b>MTPRCDH</b>
Pack Qty	1

Includes: hinged cover, mounting frame and mounting bracket. Marco locking mechanism available.

## Accessory Spacer



Product Information	
Code	<b>MTLS</b>
Pack Qty	10

Single unit accessory spacer. Fits on to centre compartment using the same quick snap-on system as centre lid.

## Divider Strip



Product Information	
Code	<b>MTD105</b>
Pack Qty	16 x 1.5m

Slide in uPVC divider for Marco power poles & posts. Supplied in 1.5m lengths.

# Underfloor Systems

Underfloor Power & Data Cable Management

# Contents

Underfloor Systems

Cavity Floor Boxes	64
Accessory Plates	66
Flush-Screed Trunking	70

# Cavity Floor Boxes

## Underfloor Cable Management

Marco's range of cavity floor boxes has been designed as a power and data outlet for raised floor applications, able to accommodate **CAT5E**, **CAT6** & **CAT6A** Structured cabling solutions.

Able to house a large number of accessories and outlets, Marco's floor boxes are an ideal solution for open plan office environments, which require a versatile and flexible floor space.

Designed to accommodate any installation, both three and four compartment versions are available, coming in three standard depths of **70mm**, **100mm** and **130mm**.

Installation of the floor boxes is enhanced by the inclusion of four spring fixing clips, which allow for a quick and secure installation, without the need for additional tools or components. Each box also includes a reversible lid with two access points.

### Product Information

- Available in three & four compartments
- Available in three depths
- 6mm recess for floor covering
- CAT5E, CAT6 & CAT6A compatible\*
- Pre-fitted dividing fillets
- Base manufactured from galvanised steel
- 20 & 25mm knock-outs to accept conduit
- Lid & Trim assembly manufactured from ABS
- Two cable outlets providing 60 x 15mm access
- Four spring fixing clips for ease of installation



MCFB370



MCFB470

## Key Features

1



Cable outlets provide two 60mm x 15mm openings giving user access to internal components. Each opening is lined with sponge to prevent ingress of dirt.

2



Each box comes with an integral moulded lifting handle, for ease of use during and after installation. A steel chrome lifting handle is also available.

3



A wide range of Accessories and mounting plates is available for both the three and four compartment boxes.

4



Marco's floor boxes come with four flexible steel spring fixing-clips which grip the floor during installation, ensuring a strong and tight fit.

5



Each box has pre-punched knock-outs surrounding its base, to accept a number of conduit and cable feeds. Knock-outs are in both 25 & 20mm sizes.

6



The base of each floor box is manufactured from high quality galvanised steel. The lid and trim of the boxes are made from ABS to ensure a long product life.



# Cavity Floor Boxes

Underfloor Cable Management

## 3 Compartment



**70mm Deep Floor Box**

Product Information	
Code	<b>MCFB370</b>
Pack QTY	1
Plug Height	24mm
Lid Recess	6mm



**100mm Deep Floor Box**

Product Information	
Code	<b>MCFB3100</b>
Pack QTY	1
Plug Height	39mm
Lid Recess	6mm



**130mm Deep Floor Box**

Product Information	
Code	<b>MCFB3130</b>
Pack QTY	1
Plug Height	54mm
Lid Recess	6mm

\* For 70mm floor boxes angled data plates recommended for CAT6 & CAT6A applications.

## 4 Compartment



**70mm Deep Floor Box**

Product Information	
Code	<b>MCFB470</b>
Pack QTY	1
Plug Height	24mm
Lid Recess	6mm



**100mm Deep Floor Box**

Product Information	
Code	<b>MCFB4100</b>
Pack QTY	1
Plug Height	39mm
Lid Recess	6mm



**130mm Deep Floor Box**

Product Information	
Code	<b>MCFB4130</b>
Pack QTY	1
Plug Height	54mm
Lid Recess	6mm

\* For 70mm floor boxes angled data plates recommended for CAT6 & CAT6A applications.

# 3 Compartment - Mounting Plates

## Underfloor Cable Management

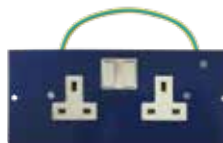
### Twin Switched - Dual Earth



Product Information	
Code	<b>MP3-2GS</b>
Width (mm)	86
Pack Qty	1

Twin-switched dual earth accessory plate. Manufactured from galvanised steel and protected with a blue powder coating.

### Twin Switch - Dual Earth & Clean



Product Information	
Code	<b>MP3-2GSC</b>
Width (mm)	86
Pack Qty	1

Twin-switched clean earth accessory plate. Manufactured from galvanised steel and protected with a blue powder coating.

### Three Single - Unswitched



Product Information	
Code	<b>MP3-3GS</b>
Width (mm)	86
Pack Qty	1

Accessory plate with three unswitched UK socket outlets. Manufactured from galvanised steel and protected with a blue powder coating.

### 1 x 2 Gang Accessory Plate



Product Information	
Code	<b>MP3-1X2GF</b>
Width (mm)	86
Pack Qty	1

Single unit 2-gang accessory plate, designed to accommodate double sockets. Manufactured from galvanised steel and protected with a blue powder coating.

### 2 x 1 Gang Accessory Plate



Product Information	
Code	<b>MP3-2X1GF</b>
Width (mm)	86
Pack Qty	1

Double 1-gang socket accessory plate. Manufactured from galvanised steel and protected with a blue powder coating.

### Twin Switch - Left Hand side



Product Information	
Code	<b>MP3-2GSLH</b>
Width (mm)	86
Pack Qty	1

Twin switched earth accessory plate with socket placement adjusted to the left hand side.

### Twin Switch - Right Hand Side



Product Information	
Code	<b>MP3-2GSRH</b>
Width (mm)	86
Pack Qty	1

Twin switched earth accessory plate with socket placement adjusted to the right hand side.

### 6 x LJ6C Accessory Plate



Product Information	
Code	<b>MP3-6D</b>
Width (mm)	86
Pack Qty	1

Accessory plate, with space for 6 x LJ6C data outlets. Manufactured from galvanised steel, protected with a blue powder coating.

# 3 Compartment - Mounting Plates

## Underfloor Cable Management

### 8 x LJ6C Accessory Plate



Product Information	
Code	<b>MP3-8D</b>
Width (mm)	86
Pack Qty	1

Accessory plate, with space for 8 x LJ6C data outlets. Manufactured from galvanised steel, protected with a blue powder coating.

### 4 x LJ6C Angled Accessory Plate



Product Information	
Code	<b>MP3-4DA</b>
Width (mm)	86
Pack Qty	1

Angled accessory plate, with space for 4 x LJ6C data outlets. Manufactured from galvanised steel, protected with a blue powder coating.

### 2 x Euro Accessory Plate



Product Information	
Code	<b>MP3-EU</b>
Width (mm)	86
Pack Qty	1

Accessory plate, with space for twin 25 x 50mm Euro socket modules. Manufactured from galvanised steel and protected with a blue powder coating.

### Blank Accessory Plate



Product Information	
Code	<b>MP3-BP</b>
Width (mm)	86
Pack Qty	1

Powder coated blank plate.

### RCD Twin Socket Plate



Product Information	
Code	<b>MP3-2GSRCD</b>
Width (mm)	86
Pack Qty	1

Accessory plate with twin sockets and integral RCD control switches.

### RCD Housing Plate



Product Information	
Code	<b>MP3-RCDH</b>
Width (mm)	86
Pack Qty	1

Accessory plate with mounted RCD housing unit. Unit contains hinged cover, mounting frame and bracket. Marco locking mechanism is available.

## 4 Compartment - Mounting Plates

### Underfloor Cable Management

#### Twin Switched - Dual Earth



Product Information	
Code	<b>MP4-2GS</b>
Width (mm)	64
Pack Qty	1

Twin switched earth accessory plate unit. Manufactured from galvanised steel and protected with a blue powder coating.

#### Twin Switch - Dual Earth & Clean



Product Information	
Code	<b>MP4-2GSC</b>
Width (mm)	64
Pack Qty	1

Twin switched clean earth accessory plate unit. Manufactured from galvanised steel and protected with a blue powder coating.

#### Three Single - Unswitched



Product Information	
Code	<b>MP4-3GS</b>
Width (mm)	64
Pack Qty	1

Accessory plate with three unswitched UK socket outlets. Manufactured from galvanised steel and protected with a blue powder coating.

#### Blank Accessory Plate



Product Information	
Code	<b>MP4-BP</b>
Width (mm)	64
Pack Qty	1

Powder coated blank plate.

#### Twin Switch - Left Hand Side



Product Information	
Code	<b>MP4-2GSLH</b>
Width (mm)	64
Pack Qty	1

Twin switched earth accessory plate with socket placement adjusted to the left hand side.

#### Twin Switched - Right Hand Side



Product Information	
Code	<b>MP4-2GSRH</b>
Width (mm)	64
Pack Qty	1

Twin switched earth accessory plate with socket placement adjusted to the right hand side.

# 4 Compartment - Mounting Plates

## Underfloor Cable Management

### 6 x LJ6C Accessory Plate



Product Information	
Code	<b>MP4-6D</b>
Width (mm)	64
Pack Qty	1

Moulded accessory plate, with space for 6 x LJ6C data outlets. Manufactured from galvanised steel, protected with a blue powder coating.

### 4 x LJ6C Angled Accessory Plate



Product Information	
Code	<b>MP4-4DA</b>
Width (mm)	64
Pack Qty	1

Angled accessory plate, with space for 4 x LJ6C data outlets. Manufactured from galvanised steel, protected with a blue powder coating.

### 2 x Euro Accessory Plate



Product Information	
Code	<b>MP4-EU</b>
Width (mm)	64
Pack Qty	1

Accessory plate, with space for twin 25 x 50mm Euro socket modules. Manufactured from galvanised steel and protected with a blue powder coating.

### Steel Lifting Handle



Product Information	
Code	<b>MFBSH</b>
Pack Qty	1

Optional steel floor box lifting handle with chrome finish.

# Flush-Screed Trunking

## Underfloor Cable Management

The latest addition to Marco's underfloor range, our flush screed trunking system combines lengths of galvanised steel trunking with three compartment outlet boxes to produce a sturdy and robust system designed as a long term carrying solution for data and power cabling.

Flush floor trunking is a flexible design solution for distributing services around large open-plan spaces such as offices or conference halls.

Service outlets and inspection modules can be installed in the trunking at various stages by removing lid and dividers from within the trunking system itself.

The service outlet boxes used for the flush screed system also benefit from using the same accessory plates as those used in Marco's floor box system.

Minimum delivery quantities apply, contact our sales team for more information.



Product Information	
Code	<b>MFST65</b>
Height (mm)	65
Width (mm)	330
Compartment A (mm)	115
Compartment B (mm)	100
Compartment C (mm)	115
Pack Qty	1 x 2m

## Key Features



### 3 Compartment

Marco's flush screed trunking system has three large compartments designed to provide adequate cable segregation.



### 330mm Profile

Trunking has a wide 330mm profile, giving ample space to house a large number of cables.



### Full range of fittings

The flush screed trunking has a wide range of compatible accessories and fittings. Outlet boxes for the trunking also benefit from being compatible with the cavity floor box accessory plates.

# Flush Screed Trunking - Fittings

## Underfloor Cable Management

### Flush Screed Box



Product Information	
Code	<b>MFSB365</b>
Dimensions (mm)	36.5 x 325
Pack QTY	1

Galvanised steel outlet box. Designed with an easy drop in frame requiring no tools to install. The service lid is able to accommodate Marco's 3 compartment floor box accessory plates.

### Junction Box



Product Information	
Code	<b>MFSJB65</b>
Dimensions (mm)	65 x 450
Pack QTY	1

Junction box for flush screed trunking with radius corners to aid data cabling. Box benefits from multiple cable layout possibilities.

Easily fitted to trunking using provided dome head screws. Includes two blank ends, unique to Marco Junction boxes.

### Inspection Lid



Product Information	
Code	<b>MFSIL</b>
Dimensions (mm)	36.5 x 195
Pack QTY	1

Offers a flexible inspection area within runs of trunking. Lid utilises same lid as outlet boxes and is fitted in place using screws provided. Not designed to be used with power or data plates.

### Un-Gusseted Bend



Product Information	
Code	<b>MFSUGB65</b>
Dimensions (mm)	95 x 330
Pack QTY	1

90 degree riser with same 3mm lid as trunking. Trunking slots in to the riser and is then bolted together using the screws provided. Same three compartment configuration as trunking lengths.

### Stop End



Product Information	
Code	<b>MFSSE65</b>
Dimensions (mm)	64 x 330
Pack QTY	1

Stop end for closing off trunking lengths. Designed to fit around open end of trunking to stop any water leaks during pouring of screed. Fixed using 'M' dome bolts (provided) with each trunking length

### Adjustable Coupler



Product Information	
Code	<b>MFSAC65</b>
Dimensions (mm)	55.5 x 330
Pack QTY	1

Used to join two lengths of flush-screed trunking, with oblong holes to add adjust-ability to trunking height throughout installation to ensure the finish flooring is level.



# Steel Wire Cable Tray

Power & Data Containment Solutions



# Contents

Steel Wire Cable Tray Systems

Steel Wire Cable Tray	76
Quik-Clik	78
G-Shape	79
Accessories	80
Fabrication Guide	90

# Product Family

## Steel Wire Cable Tray Systems

Marco Cable Management is the largest UK manufacturer of steel wire cable tray.

Available in electro-zinc, pre-galvanised, powder-coated and hot-dip galvanised finishes.

Marco is able to supply steel wire cable tray to meet any project demand, including special manufactures of alternate grid layouts, pre-cut lengths and much more.

Offered in three standard depths, 30mm, 55mm and 106mm, Marco's steel wire cable tray is adaptable and lightweight, enabling users to easily modify the tray on-site without compromising its strength or performance.

Marco's steel wire cable tray is complemented by a large range of accessories and fittings, all designed to join and support the tray, reducing installation time and reducing overall on-site costs.

All Marco steel wire cable tray is manufactured in our state-of-the-art, custom-built facility in the UK.



# Product Family

## Steel Wire Cable Tray Systems

Marco is able to offer a comprehensive range of steel wire cable tray products, including a wide range of accessories and our new, pre-coupled, Quik-Clik Tray.

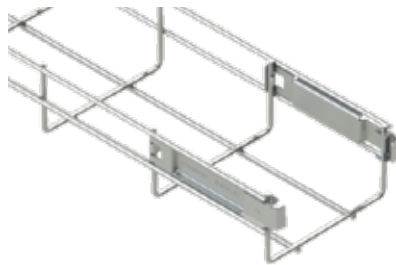
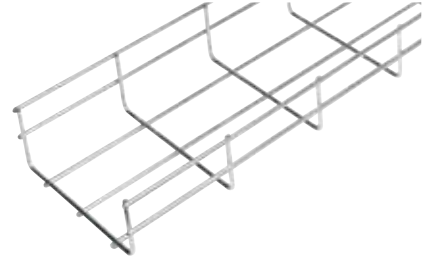
For specialist projects, Marco is able to supply pre-cut lengths to suit installation requirements.

The entire Marco steel wire cable tray range is available in the BIM download, found on our website.

### Steel Wire Cable Tray

PG EZ HDG PC

Made from direct drawn bright mild steel, and ideal for a variety of applications. Marco's steel wire cable tray is manufactured to the highest standards and utilises a 100 x 50mm grid design structure. Each length is produced in 3 metres, and is available in a large variety of sizes.



### Quik-Clik System

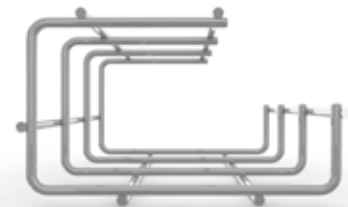
EZ

The latest innovation in the steel wire cable tray range is the new Quik-Clik system. Enabling two lengths to be coupled in under two seconds, the new system comes with two pre-installed joining couplers for faster on-site installation. Another benefit to the Quik-Clik tray is the ability to remove and re-attach its couplers, allowing for modifications and size change to be easily made to the tray, without losing any of its installation benefits..

### G-Shape Steel Wire Cable Tray

EZ

Marco's G-Shape tray has been designed as a containment solution for under-desk installations, or above suspended ceilings for service containments in small voids. The shape of the tray allows for both wall and ceiling mounting, and negates the need for suspension brackets, having the ability to be directly fixed to solid surfaces.



### Fast-Fix Accessories

PG EZ GT TB

Marco's steel wire cable tray range is further enhanced by a large range of accessories and fittings, all designed to allow for quick and convenient on-site installation. In particular, Marco's fast fix line of accessories have been designed for quicker installation, with a drastically reduced need for additional components such as nut & bolt or the need for heavy electrical or mechanical tools.

PG Pre-Galvanised

HDG Hot-Dip Galvanised

GT Geomet

EZ Electro Zinc

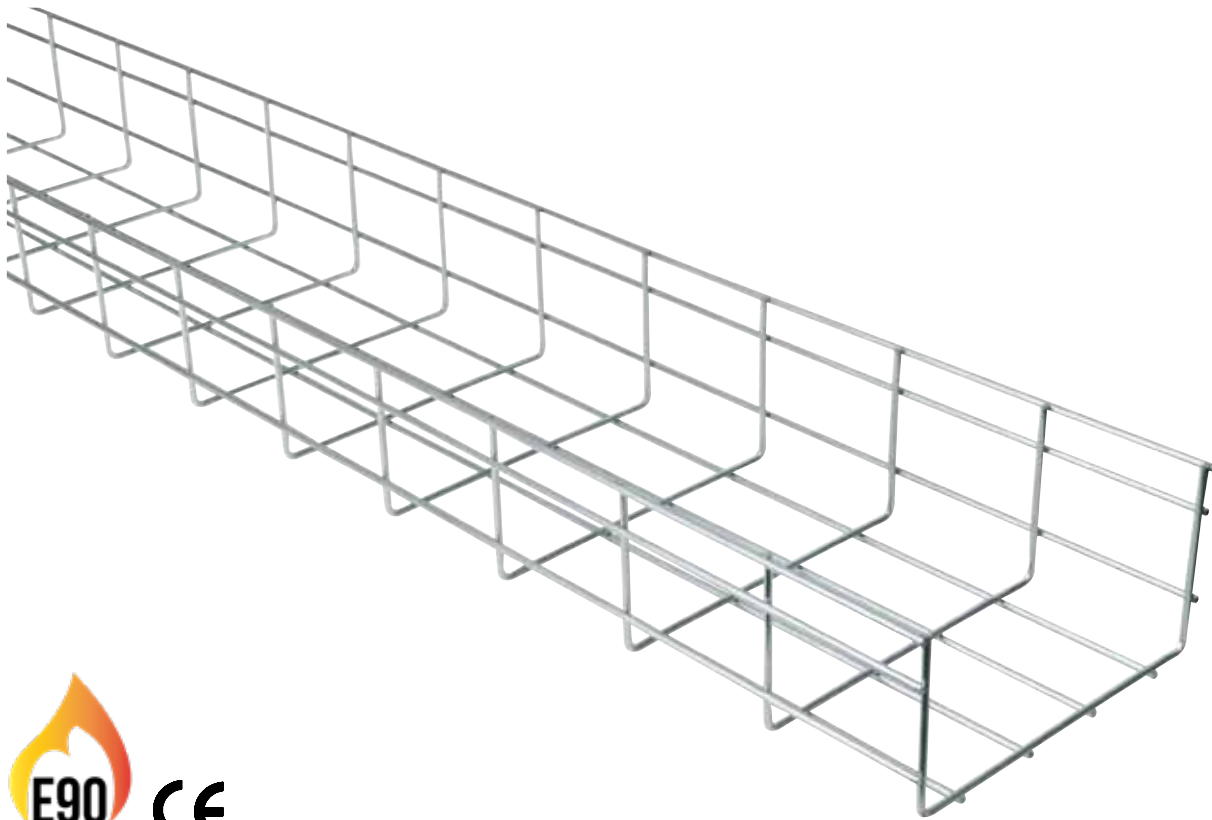
PC Powder Coated

TB Turned Brass

# Product Overview

Steel Wire Cable Tray Systems

30mm, 55mm &amp; 106mm



Marco Cable Management is the largest UK manufacturer of steel wire cable tray.  
Marco's steel wire cable tray is made from direct-drawn bright mild steel, and uses a 100 x 50mm mesh grid.

Each tray is produced in 3 metre lengths and supplied in pack quantities.

The range is complemented by a wide variety of fittings and accessories, all designed to make modifying and installing the tray on site as easy as possible.

## Finishes

**EZ**

### Electro Zinc

BS EN ISO 2081:2008

Recommended for use in interior installations where the atmosphere is non-corrosive.  
Marco EZ Steel Wire Cable Tray is coated with a thickness of between 5-12 microns.

**HDG**

### Hot-Dip Galvanised

ISO 1461:2009

Recommended for exterior use and in more aggressive atmospheres. Marco HDG tray is coated to a minimum thickness of 55 microns.  
*Hot-Dip Galv tray is special item and manufactured to order.*

**PG**

### Pre-Galvanised

BS EN 10244-2

Recommended for use in data centres and other interior applications. Marco PG Steel Wire Cable Tray is coated with a thickness of approximately 20 microns (135 gr/m<sup>2</sup> - class B).  
Pre-Galvanised tray is special item and manufactured to order.

**PC**

### Powder Coated

BS EN 13438

Powder-Coated is recommended for exterior and interior use in a range of atmospheric environments and is capable of withstanding a variety of corrosive conditions. Its installation is also suggested for data centres.  
*Powder Coated tray is special item and manufactured to order.*

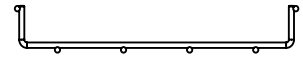
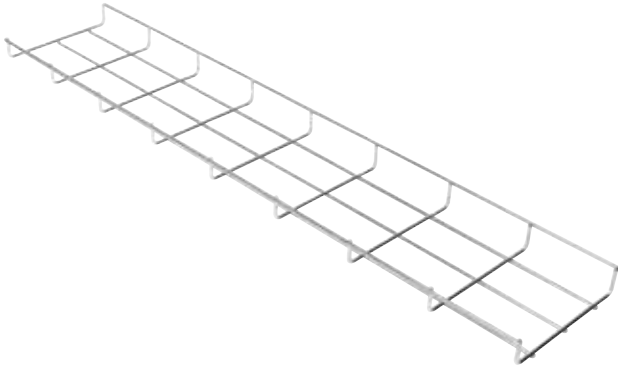
Marco Steel Wire Cable tray conforms to the following standards: BS EN 61537, IEC 61537.  
For more information on the range, or for further material specification, contact our team today.

# Standard Range

## Steel Wire Cable Tray Systems

### 30mm Depth

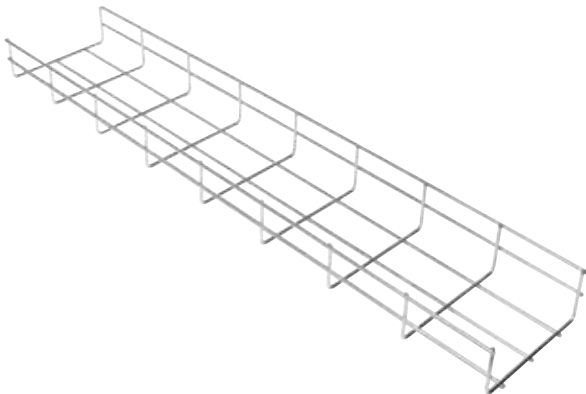
Steel Wire Cable Tray



CODE	SIZE	LENGTH	FINISH
MC3050	30 x 50mm	3m	PG, EZ, HDG, PC
MC30100	30 x 100mm	3m	PG, EZ, HDG, PC
MC30150	30 x 150mm	3m	PG, EZ, HDG, PC
MC30200	30 x 200mm	3m	PG, EZ, HDG, PC
MC30300	30 x 300mm	3m	PG, EZ, HDG, PC
MC30400	30 x 400mm	3m	PG, EZ, HDG, PC
MC30450	30 x 450mm	3m	PG, EZ, HDG, PC
MC30500	30 x 500mm	3m	PG, EZ, HDG, PC

### 55mm Depth

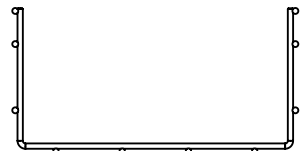
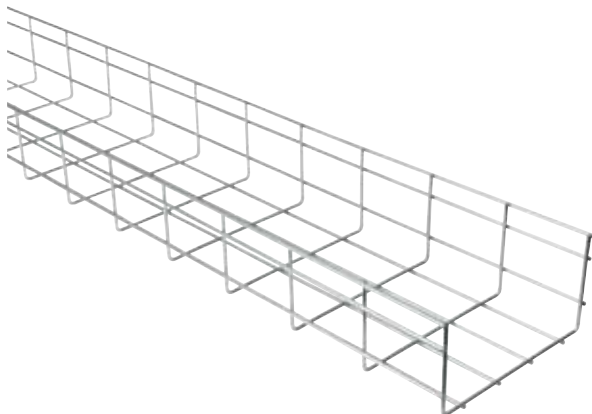
Steel Wire Cable Tray



CODE	SIZE	LENGTH	FINISH
MC5550	55 x 50mm	3m	PG, EZ, HDG, PC
MC55100	55 x 100mm	3m	PG, EZ, HDG, PC
MC55150	55 x 150mm	3m	PG, EZ, HDG, PC
MC55200	55 x 200mm	3m	PG, EZ, HDG, PC
MC55300	55 x 300mm	3m	PG, EZ, HDG, PC
MC55400	55 x 400mm	3m	PG, EZ, HDG, PC
MC55450	55 x 450mm	3m	PG, EZ, HDG, PC
MC55500	55 x 500mm	3m	PG, EZ, HDG, PC
MC55600	55 x 600mm	3m	PG, EZ, HDG, PC

### 106mm Depth

Steel Wire Cable Tray



CODE	SIZE	LENGTH	FINISH
MC106100	106 x 100mm	3m	PG, EZ, HDG, PC
MC106150	106 x 150mm	3m	PG, EZ, HDG, PC
MC106200	106 x 200mm	3m	PG, EZ, HDG, PC
MC106300	106 x 300mm	3m	PG, EZ, HDG, PC
MC106400	106 x 400mm	3m	PG, EZ, HDG, PC
MC106450	106 x 450mm	3m	PG, EZ, HDG, PC
MC106500	106 x 500mm	3m	PG, EZ, HDG, PC
MC106600	106 x 600mm	3m	PG, EZ, HDG, PC

Some sizes and finishes are made to order and minimum quantities apply. Contact our sales team for more information.



# Quik-Clik System

Steel Wire Cable Tray Systems

55mm &amp; 106mm

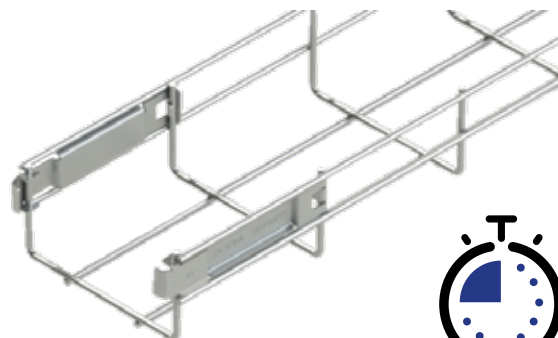
## Saving You Time, Saving You Money

In an effort to save the contractor time and money, Marco has developed the new Quik-Clik system of cable trays.

The latest innovation to Marco's steel wire cable tray line is the new MCFJC range of couplers, which is available pre-attached to lengths of steel wire cable tray.

The innovative new coupler can join two lengths of steel wire cable tray in seconds, and its flexible design allows it to be removed and re-attached with ease, retaining its functionality even after trays have been cut-to-size on site.

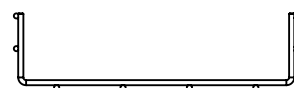
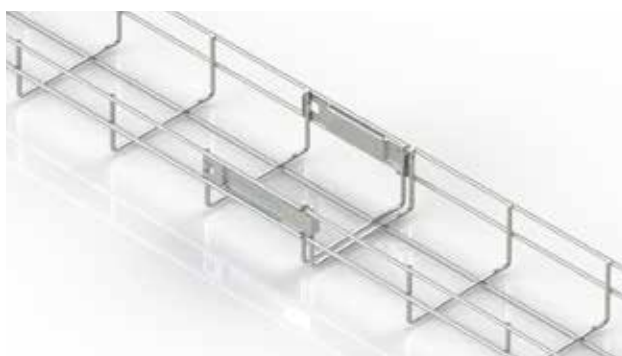
Supplied pre-fixed as standard, the MCFJC range is also available as individual accessories as part of the Marco Fast-Fix range.



**2 Second Rapid Install**

## 55mm Depth

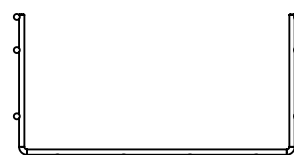
Quik-Clik System



CODE	SIZE	COUPLER	LENGTH	FINISH
MCM5550	55 x 50mm Quik-Clik	MCFJC	3m	EZ
MCM55100	55 x 100mm Quik-Clik	MCFJC	3m	EZ
MCM55150	55 x 150mm Quik-Clik	MCFJC	3m	EZ
MCM55200	55 x 200mm Quik-Clik	MCFJC	3m	EZ
MCM55300	55 x 300mm Quik-Clik	MCFJCM	3m	EZ
MCM55400	55 x 400mm Quik-Clik	MCFJCL	3m	EZ
MCM55450	55 x 450mm Quik-Clik	MCFJCL	3m	EZ
MCM55500	55 x 500mm Quik-Clik	MCFJCL	3m	EZ
MCM55600	55 x 600mm Quik-Clik	MCFJCL	3m	EZ

## 106mm Depth

Quik-Clik System



CODE	SIZE	COUPLER	LENGTH	FINISH
MCM106100	106 x 100mm Quik-Clik	MCFJCM	3m	EZ
MCM106150	106 x 150mm Quik-Clik	MCFJCM	3m	EZ
MCM106200	106 x 200mm Quik-Clik	MCFJCM	3m	EZ
MCM106300	106 x 300mm Quik-Clik	MCFJCL	3m	EZ
MCM106400	106 x 400mm Quik-Clik	MCFJCL	3m	EZ
MCM106450	106 x 450mm Quik-Clik	MCFJCL	3m	EZ
MCM106500	106 x 500mm Quik-Clik	MCFJCL	3m	EZ
MCM106600	106 x 600mm Quik-Clik	MCFJCL	3m	EZ



Quik-Clik Couplers (MCFJC/M/L) Available as Individuals.  
Contact our team for more information.

# G-Shape Steel Wire Cable Tray

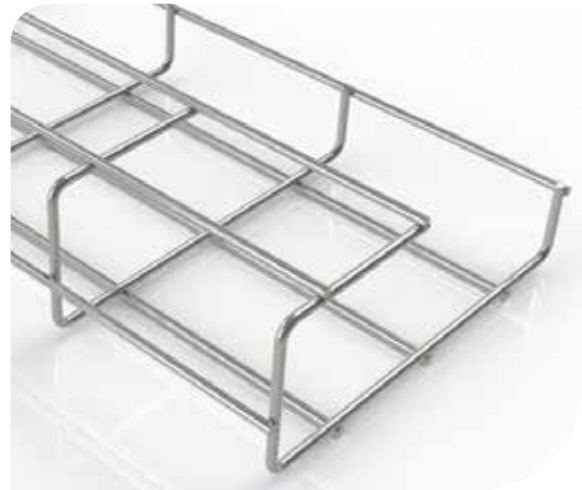
Steel Wire Cable Tray Systems

## The New G-Shape Steel Wire Cable Tray

Introducing Marco's latest cable management innovation, the new G-Shape Steel Wire Cable Tray. Available in four widths, the new G-Shape tray is designed for under desk and under shelf applications. The tray is also perfect for use above suspended ceilings, its low profile making it great for service containments in small voids.

The shape of the tray allows for both wall and ceiling mounting, negating the need for suspension brackets by being directly fixed to a solid surface using the MCCL, or MCCL25.

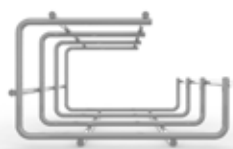
The tray can easily be installed and modified on site by one person, fabricating bends using the same accessories used for Marco's conventional tray.



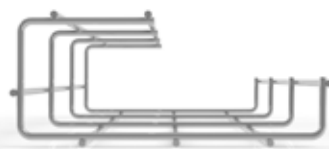
CODE	DESCRIPTION	LENGTH	FINISH
<b>MC6060</b>	60 x 60 G-Shape Tray	3m	EZ
<b>MC60100</b>	60 x 100 G-Shape Tray	3m	EZ
<b>MC60150</b>	60 x 150 G-Shape Tray	3m	EZ
<b>MC60200</b>	60 x 200 G-Shape Tray	3m	EZ



MC6060



MC60100



MC60150



MC60200

## Mounting Accessories

G-Shape tray can be mounted to both walls and ceilings, by being directly mounted using the following accessories



MCCL25

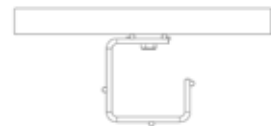


MCCL

TRAY	WALL	CEILING
<b>MC6060</b>	MCCL25	MCCL25
<b>MC60100</b>	MCCL	MCCL
<b>MC60150</b>	MCCL	MCCL
<b>MC60200</b>	MCCL	MCCL



Wall Mounted



Ceiling Mounted

## Accessories

Marco's G-Shape Tray can be coupled and modified using standard Marco accessories including:



MCQC



MCQLS



MCQLL



MCCA



MCCB

Marco Steel Wire Cable tray conforms to the following standards: BS EN 61537:2007, IEC 61537.  
For more information on the range, or for further material specification, contact our team today.

# Accessories

## Steel Wire Cable Tray Systems



**Marco has further enhanced its reputation by the continued growth in innovative products and supporting accessories.**

The steel wire cable tray accessories have been further expanded to include a new range of fast-fix designs, which help to reduce installation times on-site. These allow Marco to offer a full range of accessories for every steel wire cable tray installation requirement.

Marco's steel wire cable tray accessories now include the new fast fix side couplers (MCSSC & MCSSCL), which enable two lengths of tray to be coupled together and secured in seconds, reducing installation times and meeting and exceeding earth continuity requirements to standard EN 61537.

The innovative design allows the Marco fast-fix side coupler to be installed from within the steel wire cable tray, allowing for ease of installation within confined areas.

The latest addition to Marco's steel wire cable tray accessories is the new Pre-Galvanised Hook Coupler (MCHC-S). Designed for use on Pre-Galvanised trays, most popular in data centre installations where the possibility of zinc whiskers needs to be reduced, the new coupler clips on in seconds and forms a strong and sturdy connection between trays.

**For more information on the new coupler, and to find out how our accessories can support your next installation, contact our team today.**



**MCSSC** - Marco's Highly Commended Fast-Fix Side Coupler



**MCHC-S** - Pre-Galvanised hook Coupler, introduced in 2018

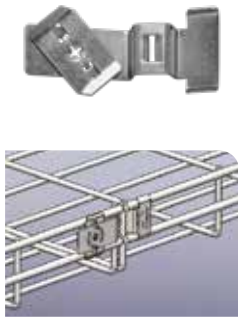
<b>PG</b> Pre-Galvanised	<b>HDG</b> Hot-Dip Galvanised	<b>GT</b> Geomet
<b>EZ</b> Electro Zinc	<b>PC</b> Powder Coated	<b>TB</b> Turned Brass



# Accessories

## Steel Wire Cable Tray Systems

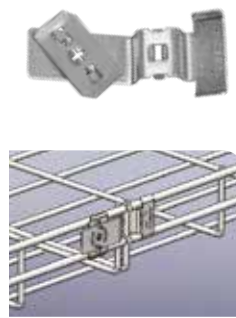
### Fast-Fix Side Coupler



Screwdriver supplied

Product Information	
Code	<b>MCSSC</b>
Finish	EZ
Pack QTY	50
Supported Sizes	MC5550-MC55200

### Fast-Fix Side Coupler - Large



Screwdriver supplied

Product Information	
Code	<b>MCSSCL</b>
Finish	EZ
Pack QTY	50
Supported Sizes	MC55300-MC55600 MC106100-MC106600

### Fast-Fix Universal Strut Clip



Screwdriver supplied

Product Information	
Code	<b>MCFUSC</b>
Finish	GT
Pack QTY	50
Supported Sizes	MC30100-MC30500 MC55100-MC55600 MC106100-MC106600

### Pre-Galvanised Hook Coupler



Suitable for use with PG trays only

Product Information	
Code	<b>MCHC-S</b>
Finish	PG
Pack QTY	50
Supported Sizes	MC5550 - MC55200

### Quik-Click Coupler - Small

Pre-Coupled version  
available, see page 78

Product Information	
Code	<b>MCFJC</b>
Finish	EZ
Pack QTY	50
Supported Sizes	MC5550 - MC55200

### Quik-Click Coupler - Medium

Pre-Coupled version  
available, see page 78

Product Information	
Code	<b>MCFJCM</b>
Finish	EZ
Pack QTY	50
Supported Sizes	MC55300 MC106100 - MC106200

### Quik-Click Coupler - Large

Pre-Coupled version  
available, see page 78

Product Information	
Code	<b>MCFJCL</b>
Finish	EZ
Pack QTY	50
Supported Sizes	MC55400 - MC55600 MC106300 - MC106600

### Fast Fix Floor Bracket



Product Information	
Code	<b>MCFFB</b>
Finish	PG
Pack QTY	50
Supported Sizes	Fits all sizes

All products supplied with tools are subject to orders of pack quantities.

# Accessories

## Steel Wire Cable Tray Systems

### Quick-Lock - Small



Product Information	
Code	<b>MCQLS</b>
Finish	EZ
Pack QTY	25
Supported Sizes	MC3050-MC30200 MC5550-MC55200 MC106100-MC106200

### Quick Lock - Large



Product Information	
Code	<b>MCQLL</b>
Finish	EZ
Pack QTY	25
Supported Sizes	MC30300-MC30500 MC55300-MC55600 MC106300-MC106600

### Quick Coupler



Pulling tool supplied



Product Information	
Code	<b>MCQC</b>
Finish	EZ, GT
Pack QTY	50
Supported Sizes	Fits all sizes

### Suspension Hanger



Product Information	
Code	<b>MCSH</b>
Finish	EZ, GT, PG
Pack QTY	50
Supported Sizes	MC30100-MC30500 MC55100-MC55600 MC106100-MC106600

### Clamp Large - 6.5mm Hole



Product Information	
Code	<b>MCCL</b>
Finish	EZ, GT, PG
Pack QTY	50
Supported Sizes	MC305100-MC30500 MC55100-MC55600 MC106100-MC106600

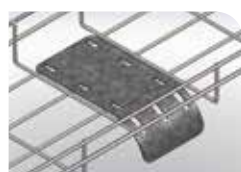
### Divider Joining Bracket



For tray dividers see page 86

Product Information	
Code	<b>MCDJB</b>
Finish	EZ
Pack QTY	10
Supported Sizes	Fits all sizes

### Drop Out Plate



Product Information	
Code	<b>MCDOP</b>
Finish	PG
Pack QTY	50
Supported Sizes	Fits all sizes

EZ = Electro Zinc

GT = Geomet

PG = Pre Galvanised

HDG = Hot Dip Galvanised

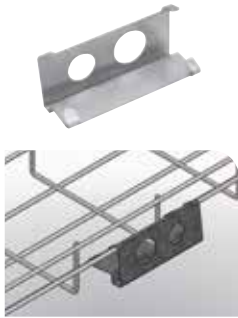
PC = Powder Coated

TB = Turned Brass

# Accessories

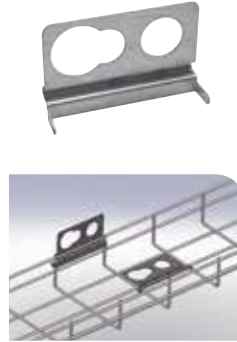
## Steel Wire Cable Tray Systems

### Flexible Conduit Plate - 20 & 25mm



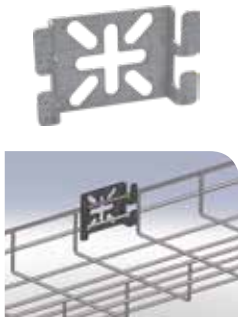
Product Information	
Code	<b>MCFCP</b>
Finish	PG, GT
Pack QTY	20
Supported Sizes	Fits all sizes

### Flexible Conduit Plate - 20, 25 & 32mm



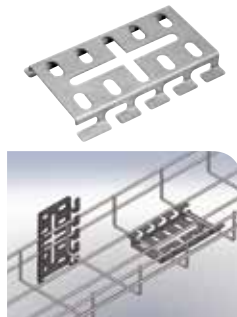
Product Information	
Code	<b>MCFCP3</b>
Finish	PG, GT
Pack QTY	20
Supported Sizes	Fits all sizes

### Wall Bracket/ACC Mounting Plate



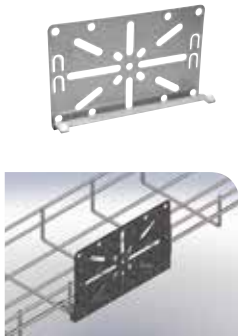
Product Information	
Code	<b>MCAMP</b>
Finish	PG, GT
Pack QTY	20
Supported Sizes	MC5550-MC55600 MC106100-MC106600

### Multi-Fix Plate



Product Information	
Code	<b>MCMFP</b>
Finish	PG
Pack QTY	50
Supported Sizes	Fits all sizes

### Universal Support Bracket



Product Information	
Code	<b>MCUSB</b>
Finish	PG
Pack QTY	50
Supported Sizes	MC30100-MC30500 MC55100-MC55600 MC106100-MC106600

### Nut, Bolt & Clamp Assembly



Product Information	
Code	<b>MCCA</b>
Finish	EZ, GT, PG
Pack QTY	50
Supported Sizes	Fits all sizes

### Nut, Bolt & Clamp Fixing Assembly



Product Information	
Code	<b>MCCB</b>
Finish	EZ, GT
Pack QTY	50
Supported Sizes	Fits all sizes

### Clamp Small



Product Information	
Code	<b>MCCS</b>
Finish	EZ, GT
Pack QTY	50
Supported Sizes	Fits all sizes

All of Marco's Steel Wire Cable Tray products are available from our website as part of our BIM object download

# Accessories

## Steel Wire Cable Tray Systems

### Clamp Medium



Product Information	
Code	<b>MCCM</b>
Finish	EZ, GT
Pack QTY	50
Supported Sizes	Fits all sizes

### M6 x 20 Screw, Nut & Washer



Product Information	
Code	<b>MCM620NW</b>
Finish	EZ, GT
Pack QTY	50
Supported Sizes	Fits all sizes

### Splice Plate



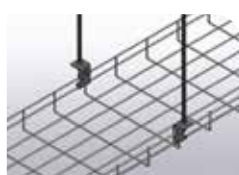
Product Information	
Code	<b>MCSP</b>
Finish	PG, GT
Pack QTY	50
Supported Sizes	Fits all sizes

### Splice Plate - 90°



Product Information	
Code	<b>MCSP90</b>
Finish	PG
Pack QTY	20
Supported Sizes	Fits all sizes

### Suspension Bracket 6mm & 8mm Rod



Max safe working load 100kg

Product Information	
Code	<b>MCSB68</b>
Finish	PG, GT
Pack QTY	20
Supported Sizes	Fits all sizes

### Suspension Bracket 10mm & 12mm Rod



Max safe working load 100kg

Product Information	
Code	<b>MCSB1012</b>
Finish	PG, GT
Pack QTY	20
Supported Sizes	Fits all sizes

### Suspension Bracket - 50mm Tray



Max safe working load 30kg

Product Information	
Code	<b>MCSB50</b>
Finish	PG, GT
Pack QTY	50
Supported Sizes	MC3050 MC5550

### Suspension Bracket - 100mm Tray



Max safe working load 30kg

Product Information	
Code	<b>MCSB100</b>
Finish	PG, GT
Pack QTY	50
Supported Sizes	MC30100 MC55100

EZ = Electro Zinc

GT = Geomet

PG = Pre Galvanised

HG = Hot Dip Galvanised

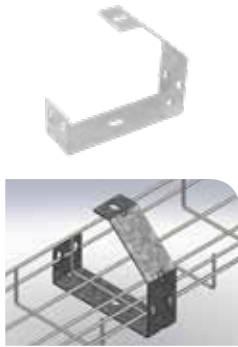
PC = Powder Coated

TB = Turned Brass

# Accessories

## Steel Wire Cable Tray Systems

### Suspension Bracket - 150mm Tray



Max safe working load 30kg

Product Information	
Code	<b>MCSB150</b>
Finish	PG, GT
Pack QTY	50
Supported Sizes	MC30150 MC55150

### Bracket



Max safe working load 20kg

Product Information	
Code	<b>MCB35</b>
Finish	PG
Pack QTY	50
Supported Sizes	MC3050 MC5550

### Tray Support Bracket - For 50mm Tray



Product Information	
Code	<b>MCTS35</b>
Finish	PG
Pack QTY	50
Supported Sizes	MC3050 MC5550

### Earth Terminal



Product Information	
Code	<b>MCET16</b>
Finish	TB
Pack QTY	10
Supported Sizes	MC5550-MC55600 MC106100-MC106600

### Earth Terminal - 30mm Tray



Supplied with PG mounting bracket & accessories for mounting to 30mm tray.

Product Information	
Code	<b>MCET16-30</b>
Finish	TB
Pack QTY	10
Supported Sizes	MC3050 - MC30500



### ID Tags



Product Information	
Code	<b>MCTAG</b>
Finish	-
Pack QTY	50

Coloured ID tags are used to differentiate which services are being carried in which containment.

ID Tags can be supplied printed with ID labels to quickly identify cabling being carried in runs of tray.

Labels include:

- ELV
- LV
- DATA/COMMS
- FIRE
- ANCILLARY
- SUB MAINS

### Bolt Croppers



Product Information	
Code	<b>MCROP</b>
Pack QTY	1

Marco Steel Wire Cable tray conforms to the following standards: BS EN 61537:2007, IEC 61537.  
For more information on the range, or for further material specification, contact our team today.

# Accessories

## Steel Wire Cable Tray Systems

### Divider

CODE	DESCRIPTION	DEPTH	LENGTH	FINISH	PACK QTY
<b>MCD30</b>	Steel Wire Cable Tray Divider	30mm	30mm x 3m	PG	20
<b>MCD55</b>	Steel Wire Cable Tray Divider	55mm	55mm x 3m	PG	16
<b>MCD106</b>	Steel Wire Cable Tray Divider	106mm	106mm x 3m	PG	12



### Steel Wire Cable Tray Lid

CODE	DESCRIPTION	TRAY WIDTH	LENGTH	FINISH	PACK QTY
<b>MCL100</b>	100mm Steel Wire Cable Tray Lid	100	2m	PG	6 x 2m
<b>MCL150</b>	150mm Steel Wire Cable Tray Lid	150	2m	PG	4 x 2m
<b>MCL200</b>	200mm Steel Wire Cable Tray Lid	200	2m	PG	4 x 2m
<b>MCL300</b>	300mm Steel Wire Cable Tray Lid	300	2m	PG	2 x 2m
<b>MCL400</b>	400mm Steel Wire Cable Tray Lid	400	2m	PG	2 x 2m
<b>MCL450</b>	450mm Steel Wire Cable Tray Lid	450	2m	PG	2 x 2m
<b>MCL500</b>	500mm Steel Wire Cable Tray Lid	500	2m	PG	2 x 2m
<b>MCL600</b>	600mm Steel Wire Cable Tray Lid	600	2m	PG	2 x 2m



### Fast Fix Support Bracket

CODE	DESCRIPTION	LUGS	FINISH	PACK QTY
<b>MCCSB100</b>	Fast-Fix Channel Support Bracket for 100mm wide tray, 200mm long	2	PG	50
<b>MCCSB150</b>	Fast-Fix Channel Support Bracket for 150mm wide tray, 250mm long	3	PG	50
<b>MCCSB200</b>	Fast-Fix Channel Support Bracket for 200mm wide tray, 300mm long	4	PG	50
<b>MCCSB300</b>	Fast-Fix Channel Support Bracket for 300mm wide tray x 400mm long	6	PG	25
<b>MCCSB400</b>	Fast-Fix Channel Support Bracket for 400mm wide tray x 500mm long	8	PG	25
<b>MCCSB450</b>	Fast-Fix Channel Support Bracket for 450mm wide tray x 550mm long	9	PG	25
<b>MCCSB500</b>	Fast-Fix Channel Support Bracket for 500mm wide tray x 600mm long	10	PG	25
<b>MCCSB600</b>	Fast-Fix Channel Support Bracket for 600mm wide tray x 700mm long	12	PG	25
<b>MCCSB1000</b>	Fast-Fix Channel Support Bracket for 1000mm wide tray x 1000mm long	20	PG	25



Product Shown MCCSB200

### Fast-Fix Wall Bracket

CODE	DESCRIPTION	TRAY WIDTH	LOAD (KG)	FINISH	PACK QTY
<b>MCWFB100</b>	Fast-Fix Wall Bracket	100	175	PG	12
<b>MCWFB150</b>	Fast-Fix Wall Bracket	150	200	PG	12
<b>MCWFB200</b>	Fast-Fix Wall Bracket	200	140	PG	12
<b>MCWFB300</b>	Fast-Fix Wall Bracket	300	100	PG	12
<b>MCWFB400</b>	Fast-Fix Wall Bracket	400	95	PG	12
<b>MCWFB450</b>	Fast-Fix Wall Bracket	450	70	PG	12



EZ = Electro Zinc

GT = Geomet

PG = Pre Galvanised

HDG = Hot Dip Galvanised

PC = Powder Coated

TB = Turned Brass



# Accessories

## Steel Wire Cable Tray Systems

### Fast-Fix Ceiling Bracket

CODE	DESCRIPTION	TRAY WIDTH	LOAD (KG)	FINISH	PACK QTY
<b>MCCFB100</b>	Fast-Fix Ceiling Bracket	100	135	PG	50
<b>MCCFB150</b>	Fast-Fix Ceiling Bracket	150	125	PG	50
<b>MCCFB200</b>	Fast-Fix Ceiling Bracket	200	90	PG	50
<b>MCCFB300</b>	Fast-Fix Ceiling Bracket	300	75	PG	50
<b>MCCFB400</b>	Fast-Fix Ceiling Bracket	400	50	PG	50
<b>MCCFB450</b>	Fast-Fix Ceiling Bracket	450	44	PG	50



### Cantilever Bracket

CODE	DESCRIPTION	TRAY WIDTH	FINISH	PACK QTY
<b>MCCB100</b>	Cantilever Bracket	100	PG	20
<b>MCCB150</b>	Cantilever Bracket	150	PG	20
<b>MCCB200</b>	Cantilever Bracket	200	PG	20
<b>MCCB300</b>	Cantilever Bracket	300	PG	20
<b>MCCB400</b>	Cantilever Bracket	400	PG	20



### Wall/Floor Bracket

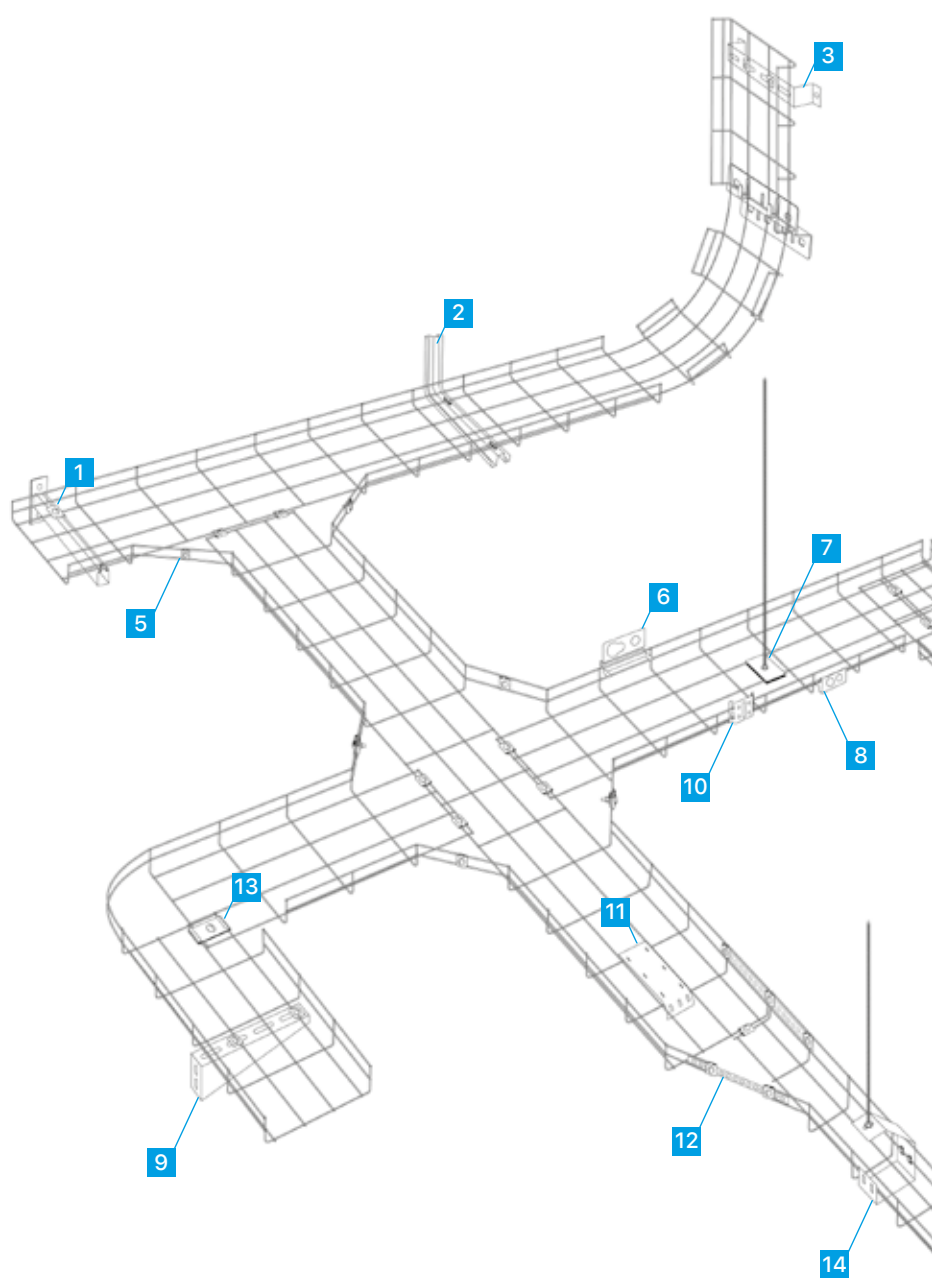
CODE	DESCRIPTION	TRAY WIDTH	ADDITIONAL COMPONENTS	FINISH	PACK QTY
<b>MCWB50</b>	Wall/Floor Bracket	50	MCTCS35 / MCCB or MCB35 / MCM620NW	PG	100
<b>MCWB100</b>	Wall/Floor Bracket	100	MCCL / MCM620NW	PG	100
<b>MCWB150</b>	Wall/Floor Bracket	150	MCCL / MCM620NW	PG	100
<b>MCWB200</b>	Wall/Floor Bracket	200	MCCL / MCM620NW	PG	50
<b>MCWB300</b>	Wall/Floor Bracket	300	MCCL / MCM620NW	PG	50
<b>MCWB400</b>	Wall/Floor Bracket	400	MCCL x 2 / MCM620NW x 2	PG	50
<b>MCWB450</b>	Wall/Floor Bracket	450	MCCL x 2 / MCM620NW x 2	PG	25
<b>MCWB500</b>	Wall/Floor Bracket	500	MCCL x 2 / MCM620NW x 2	PG	25
<b>MCWB600</b>	Wall/Floor Bracket	600	MCCL x 2 / MCM620NW x 2	PG	25



All of Marco's Steel Wire Cable Tray products are available from our website as part of our BIM object download

# System Overview

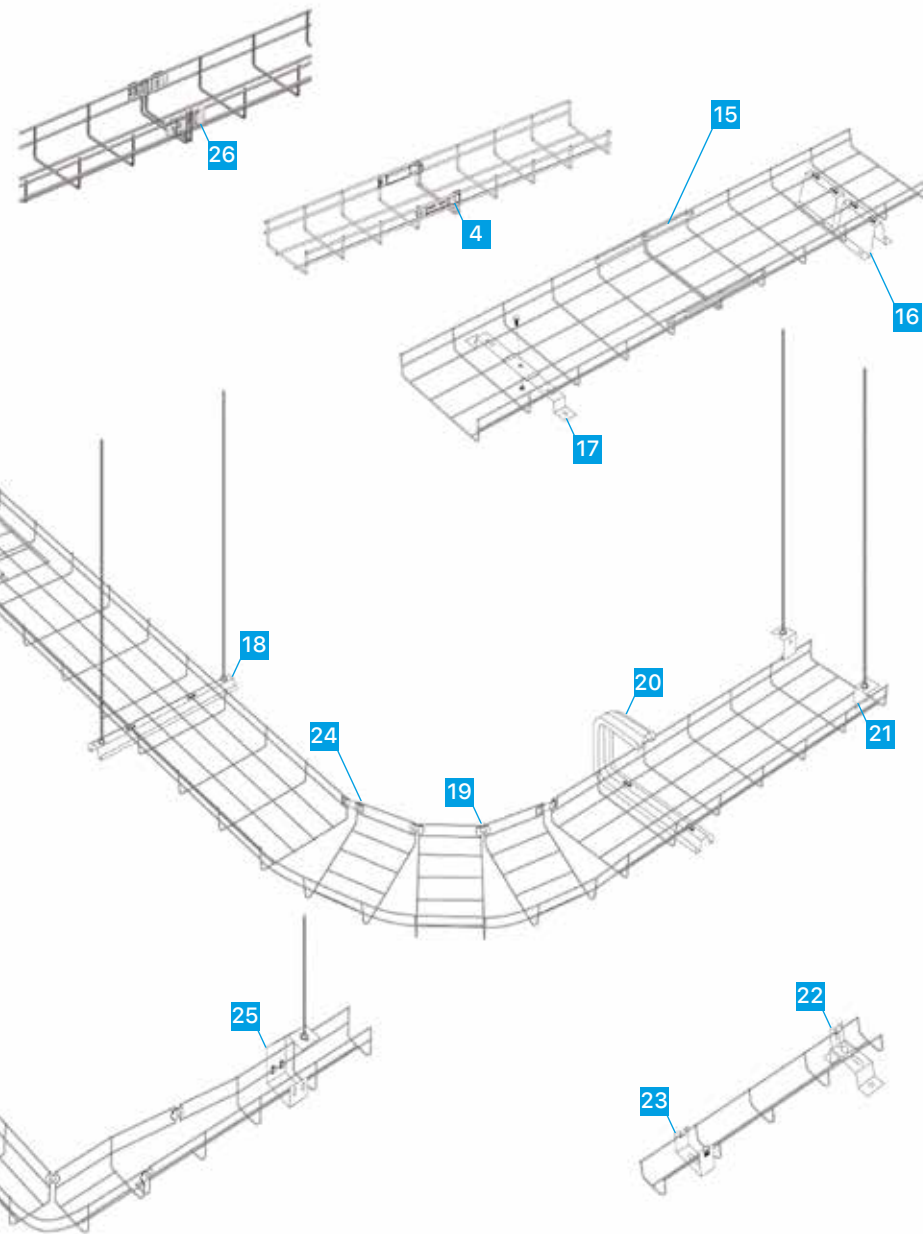
## Steel Wire Cable Tray





# System Overview

Steel Wire Cable Tray



Marco Steel Wire Cable tray conforms to the following standards: BS EN 61537:2007, IEC 61537.  
For more information on the range, or for further material specification, contact our team today.

# Fabrication Guide

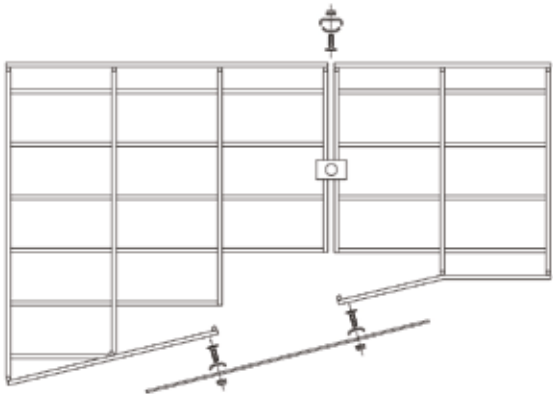
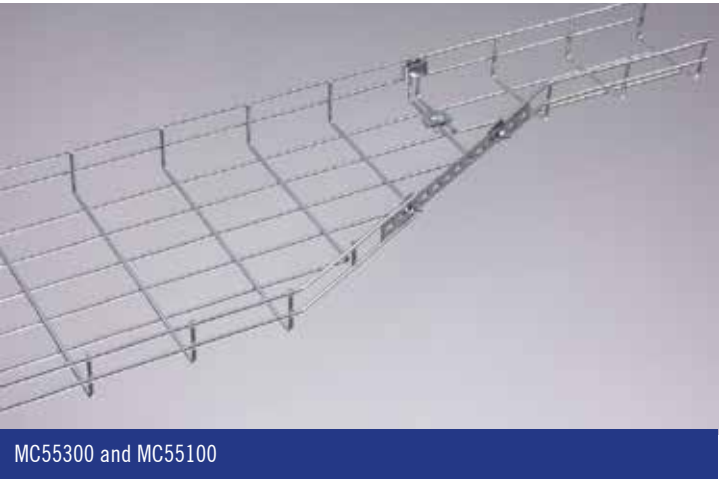
## Steel Wire Cable Tray

### Introduction

Available in Electro-Zinc, Pre-Galvanised, Powder-Coated, Hot-Dip Galvanised, Marco's steel wire cable tray is offered in three depths - 30mm, 55mm and 106mm. A wide range of fittings is available to join and support the steel wire cable tray.

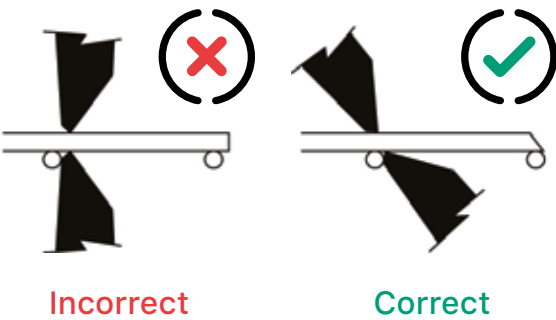
The following section is intended to be used as a guide to fabricating steel wire cable tray fittings on site. A wide range of fittings and accessories are available to join the tray.

### Reducers






Example of MC55300 - MC55200  
MCCA x 3 or MCCB x 2 plus MCSP x 50mm

### Wire Cutting Directions



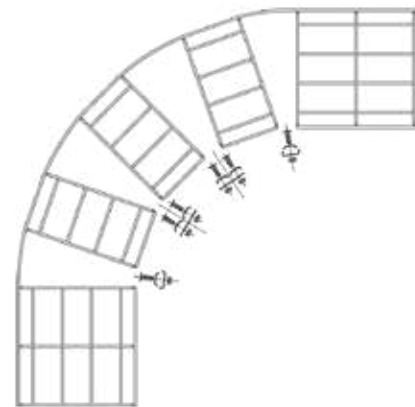
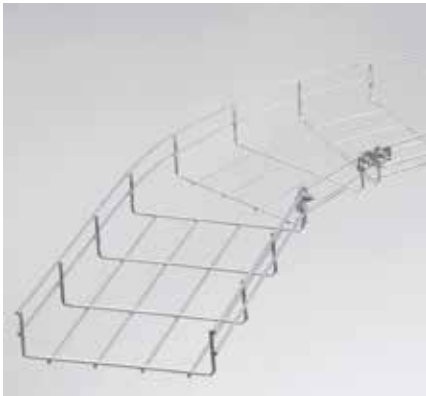
### Typical Fabricated Reducer Components

CODE	COMPONENT	QTY
MCCA		x2
MCCA		x2
MCSP		x1

All bends easily fabricated on-site

# Large Radius Bend












## Fabrication Guide



Alternate sections to be removed.  
Example of MC55200, MCCA x 2, MCCB x 2,  
MCSP x 50mm x 1 [to be cut to size on site]

### NEW LARGE RADIUS BEND - QUICK ASSEMBLY GUIDE

TRAY WIDTH	100mm	150mm	200mm	300mm	400mm	450mm	500mm	600mm
REMOVE SEGMENTS	2	3	4	6	8	9	10	12
MCQLS	2	3	4					
MCQLL				6	8	9	10	12










TRAY WIDTH (mm)	FASTENING TYPE	MCCB	MCCA	REMOVED SEGMENTS
100	MCCB x 4	 x4		2
150	MCCB x 2 MCSP x 50mm x 1	 x3		3
200	MCCB x 2 MCSP x 50mm x 1	 x4		4
300	MCCB x 2 MCCA x 2 MCSP x 50mm x 1	 x2	 x2	6
400	MCCB x 2 MCCA x 4 MCSP x 50mm x 1	 x2	 x4	8
450	MCCB x 2 MCCA x 6 MCSP x 50mm x 1	 x2	 x6	9
500	MCCA x 9		 x9	10
600	MCCA x 11		 x11	12

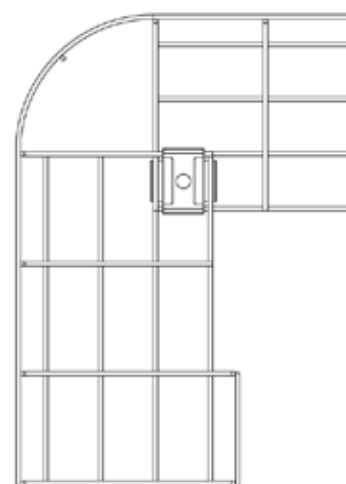
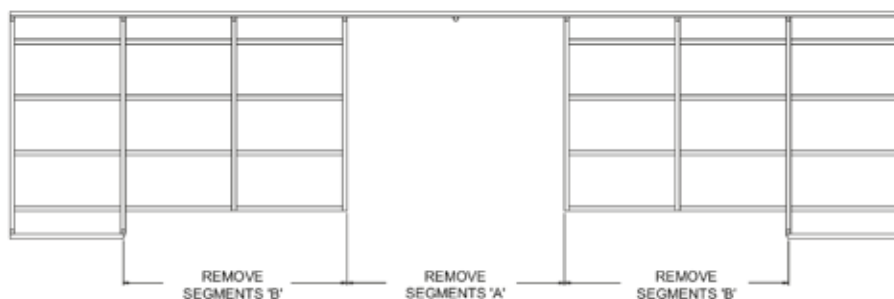
Marco Steel Wire Cable tray conforms to the following standards: BS EN 61537:2007, IEC 61537.  
For more information on the range, or for further material specification, contact our team today.

# Small Radius Bend

## Fabrication Guide



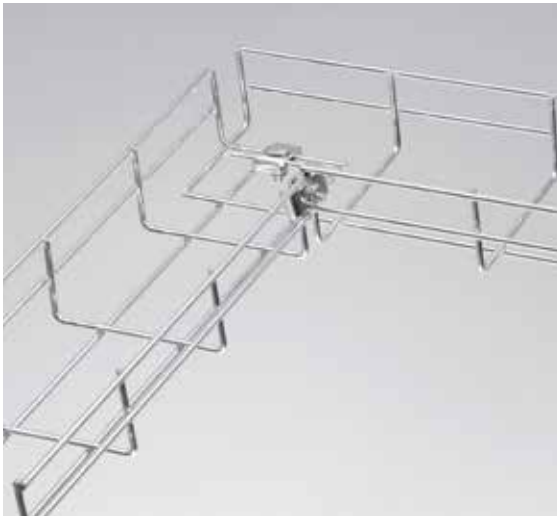
TRAY WIDTH (mm)	FASTENING TYPE	MCM620NW MCCL x 2	MCCA	REMOVED SEGMENTS A	REMOVED SEGMENTS B
100	MCCA		 x1	1	1
150	MCCL x2 MCM620NW x1	 x1	 x1	1	2
200	MCCL x2 MCM620NW x1	 x1		2	2
300	MCCL x2 MCM620NW x1	 x1		2	4
400	MCCL x2 MCM620NW x1	 x1		2	4
450	MCCL x2 MCM620NW x1	 x1		2	4
500	MCCL x2 MCM620NW x1	 x1		2	5
600	MCCL x2 MCM620NW x1	 x1		2	6



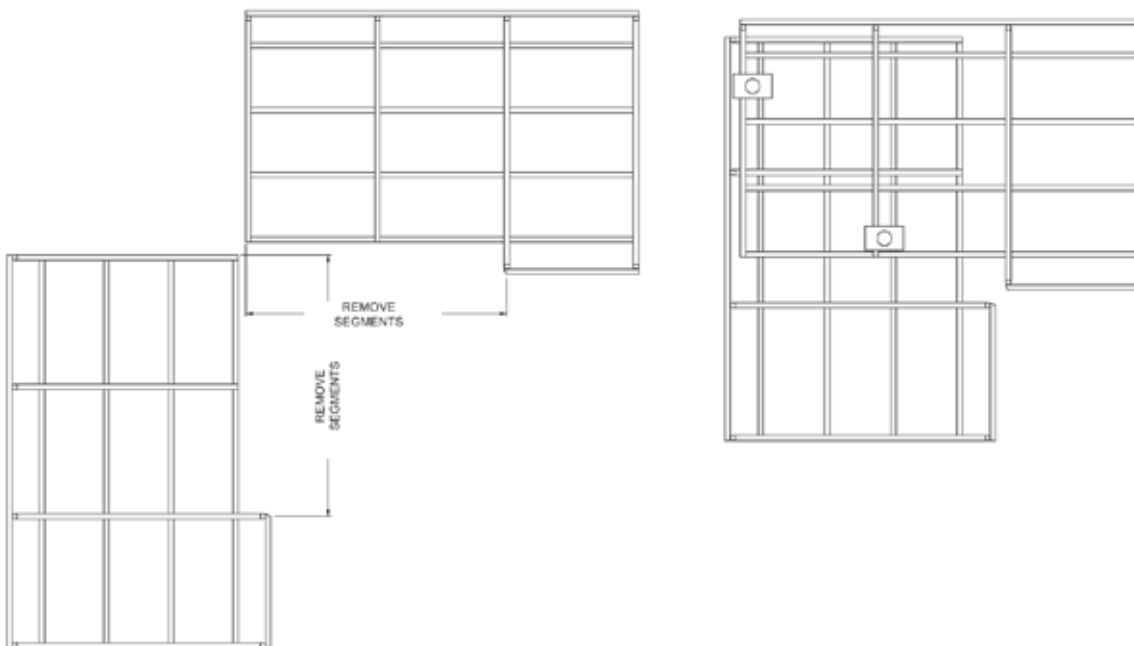
Example of MC55200, MCCL x 2, MC-M620NW x 1

# Right Angle Bend

## Fabrication Guide



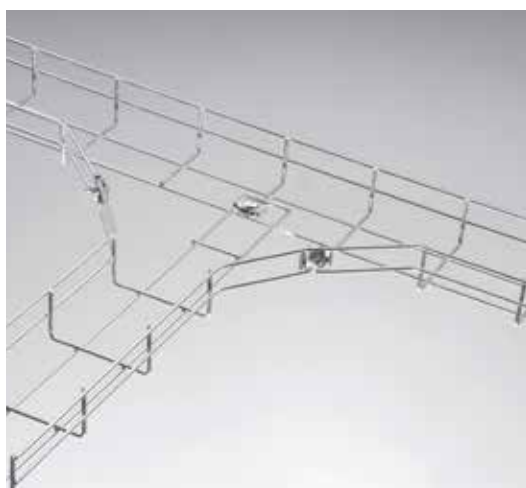
TRAY WIDTH (mm)	FASTENING TYPE	MCCA	REMOVED SEGMENTS
100	MCCA	 x2	1
150	MCCA	 x2	2
200	MCCA	 x2	2
300	MCCA	 x2	3
400	MCCA	 x2	4
450	MCCA	 x2	4
500	MCCA	 x2	5
600	MCCA	 x2	6



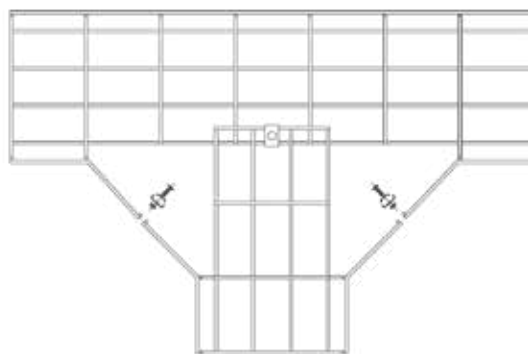
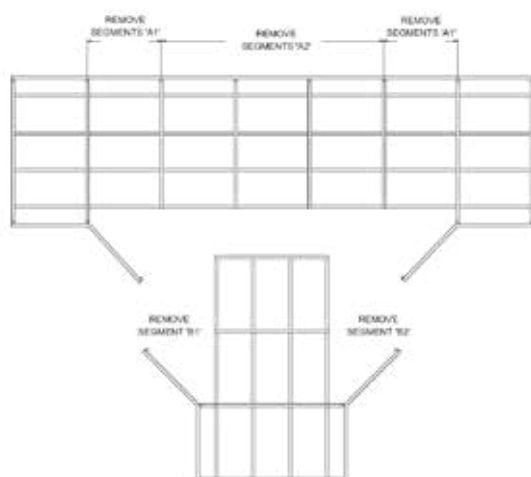
Marco Steel Wire Cable tray conforms to the following standards: BS EN 61537:2007, IEC 61537.  
For more information on the range, or for further material specification, contact our team today.

# Small Radius Bend

## Fabrication Guide

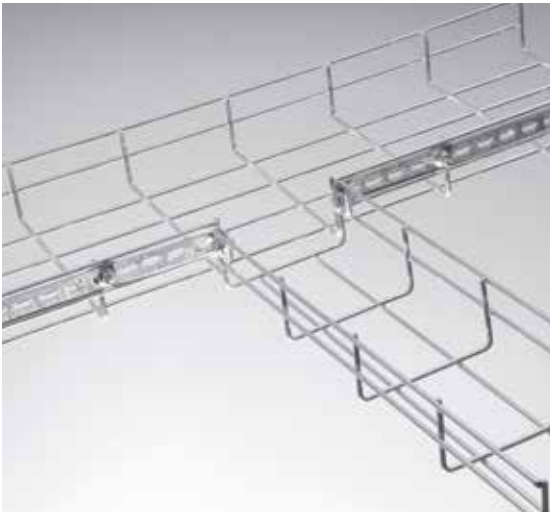


















TRAY WIDTH (mm)	FASTENING TYPE	MCCB	MCCA	REMOVED SEGMENTS		REMOVED SEGMENTS	
				A1	A2	B1	B2
100	MCCA		 x3			1	1
150	MCCA MCCB x 2 MCSP x 50mm	 x2	 x1	3	2	1	1
200	MCCA		 x3	3	2	1	1
300	MCCA		 x4	4	2	1	1
400	MCCA		 x4	5	2	1	1
450	MCCA		 x4	5	2	1	1
500	MCCA MCCB x 2 MCSP x 50mm	 x2	 x2	6	2	1	1
600	MCCA MCCB x 2 MCSP x 50mm	 x2	 x2	6	2	1	1

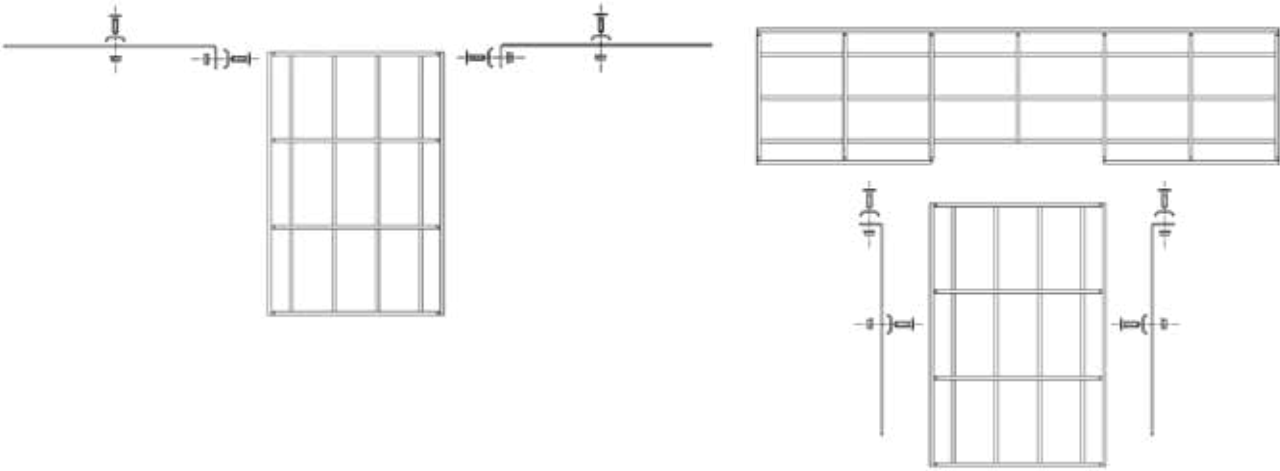


Right Angle Bend

Fabrication Guide



TRAY WIDTH (mm)	FASTENING TYPE	MCCB	MCSP90	REMOVED SEGMENTS
100	MCCB MCSP90	 x4	 x2	1
150	MCCB MCSP90	 x4	 x2	2
200	MCCB MCSP90	 x4	 x2	2
300	MCCB MCSP90	 x4	 x2	3
400	MCCB MCSP90	 x4	 x2	4
450	MCCB MCSP90	 x4	 x2	4
500	MCCB MCSP90	 x4	 x2	5
600	MCCB MCSP90	 x4	 x2	6



Example shows MC55200 to MC55150

Marco Steel Wire Cable tray conforms to the following standards: BS EN 61537:2007, IEC 61537.  
 For more information on the range, or for further material specification, contact our team today.

# Wall Support Bracket Recommendations

## Fabrication Guide

REF NO	DIMENSIONS (MM)	FAST FIX WALL BRACKET <sub>v</sub>	CANTILEVER BRACKET	WALL/FLOOR BRACKET	MCAMP	MCB35
MC3050	30 x 50	-	MCCB100*	MCWB50	-	1
MC30100	30 x 100	MCWFB100	MCCB100	MCWB100 / MCCSB100	-	-
MC30150	30 x 150	MCWFB150	MCCB150	MCWB150 / MCCSB150	-	-
MC30200	30 x 200	MCWFB200	MCCB200	MCWB200 / MCCSB200	-	-
MC30300	30 x 300	MCWFB300	MCCB300	MCWB300 / MCCSB300	-	-
MC30400	30 x 400	MCWFB400	MCCB400	MCWB400 / MCCSB400	-	-
MC30450	30 x 450	MCWFB450	-	MCWB450 / MCCSB450	-	-
MC30500	30 x 500	-	-	MCWB500 / MCCSB500	-	-
MC5550	55 x 50	-	MCCB100*	MCWB50	1	1
MC55100	55 x 100	MCWFB100	MCCB100	MCWB100 / MCCSB100	-	-
MC55150	55 x 150	MCWFB150	MCCB150	MCWB150 / MCCSB150	-	-
MC55200	55 x 200	MCWFB200	MCCB200	MCWB200 / MCCSB200	-	-
MC55300	55 x 300	MCWFB300	MCCB300	MCWB300 / MCCSB300	-	-
MC55400	55 x 400	MCWFB400	MCCB400	MCWB400 / MCCSB400	-	-
MC55450	55 x 450	MCWFB450	-	MCWB450 / MCCSB450	-	-
MC55500	55 x 500	-	-	MCWB500 / MCCSB500	-	-
MC55600	55 x 600	-	-	MCWB600 / MCCSB600	-	-
MC106100	106 x 100	MCWFB100	MCCB100*	MCWB100 / MCCSB100	-	-
MC106150	106 x 150	MCWFB150	MCCB100	MCWB150 / MCCSB150	-	-
MC106200	106 x 200	MCWFB200	MCCB200	MCWB200 / MCCSB200	-	-
MC106300	106 x 300	MCWFB300	MCCB300	MCWB300 / MCCSB300	-	-
MC106400	106 x 400	MCWFB400	MCCB400	MCWB400 / MCCSB400	-	-
MC106450	106 x 450	MCWFB450	-	MCWB450 / MCCSB450	-	-
MC106500	106 x 500	-	-	MCWB500 / MCCSB500	-	-
MC106600	106 x 600	-	-	MCWB600 / MCCSB600	-	-

Marco Steel Wire Cable tray conforms to the following standards: BS EN 61537:2007, IEC 61537.  
For more information on the range, or for further material specification, contact our team today.



# Suspension Bracket Recommendations

## Fabrication Guide

REF NO	DIMENSIONS (MM)	SUPPORT CHANNEL STANDARD/FAST FIX	MCSB68 MCSB1012	MCSH	MCSB50	MCSB100	MCSB150
MC3050	30 x 50	-	2	-	1	-	-
MC30100	30 x 100	MCCSB100	2	1	-	1	-
MC30150	30 x 150	MCCSB150	2	1**	-	-	1
MC30200	30 x 200	MCCSB200	2	1	-	-	-
MC30300	30 x 300	MCCSB300	-	-	-	-	-
MC30400	30 x 400	MCCSB400	-	-	-	-	-
MC30450	30 x 450	MCCSB450	-	-	-	-	-
MC30500	30 x 500	MCCSB500	-	-	-	-	-
MC5550	55 x 50	-	2	-	1	-	-
MC55100	55 x 100	MCCSB100	2	1	-	1	-
MC55150	55 x 150	MCCSB150	2	1	-	-	1
MC55200	55 x 200	MCCSB200	2	1	-	-	-
MC55300	55 x 300	MCCSB300	-	-	-	-	-
MC55400	55 x 400	MCCSB400	-	-	-	-	-
MC55450	55 x 450	MCCSB450	-	-	-	-	-
MC55500	55 x 500	MCCSB500	-	-	-	-	-
MC55600	55 x 600	MCCSB600	-	-	-	-	-
MC106100	106 x 100	MCCSB100	2	1	-	-	-
MC106150	106 x 150	MCCSB150	2	1**	-	-	-
MC106200	106 x 200	MCCSB200	-	-	-	-	-
MC106300	106 x 300	MCCSB300	-	-	-	-	-
MC106400	106 x 400	MCCSB400	-	-	-	-	-
MC106450	106 x 450	MCCSB450	-	-	-	-	-
MC106500	106 x 500	MCCSB500	-	-	-	-	-
MC106600	106 x 600	MCCSB600	-	-	-	-	-

Suspension brackets can be used effectively only up to a certain weight. For larger Steel Wire Cable Tray, support channels are recommended.

\* Due to a central wire running down the length of the tray a MCB35 is needed.

\*\* Due to a central wire running down the length of the tray, central suspension brackets would need to be staggered.

# Coupler Recommendations

## Fabrication Guide

REF NO	MCQC QUICK COUPLER		MCCA COUPLER		MCSSC COUPLER	MCSSCL COUPLER	MCFJC COUPLER	MCFJCM COUPLER	MCFJCL COUPLER
	SIDE	BASE	SIDE	BASE	SIDE	SIDE	SIDE	SIDE	SIDE
MC3050	2	-	2	-					
MC30100	2	-	2	1					
MC30150	2	-	2	1					
MC30200	2	1	2	1					
MC30300	2	1	2	2					
MC30400	2	2	2	2					
MC30450	2	2	2	2					
MC30500	2	2	2	2					
MC5550	2	-	2	-	2		2		
MC55100	2	-	2	1	2		2		
MC55150	2	1	2	1	2		2		
MC55200	2	1	2	1	2		2		
MC55300	2	1	2	2		2		2	
MC55400	2	2	2	2		2			2
MC55450	2	2	2	2		2			2
MC55500	2	2	2	2		2			2
MC55600	2	3	2	3		2			2
MC106100	2	1	2	1		2		2	
MC106150	2	1	2	1		2		2	
MC106200	2	1	2	1		2			2
MC106300	2	2	2	2		2			2
MC106400	2	3	2	3		2			2
MC106450	2	3	2	3		2			2
MC106500	2	3	2	3		2			2
MC106600	2	3	2	3		2			2

This table is intended to be used as a guide only.

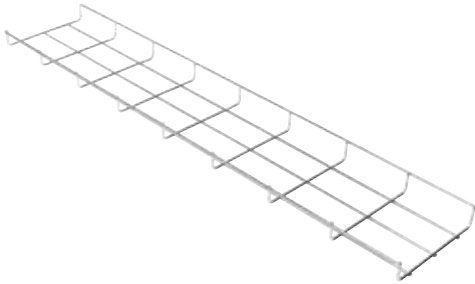
For large volumes of cable, more support may be necessary

# Cable Capacities

## Fabrication Guide

### 30mm Depth

Steel Wire Cable Tray

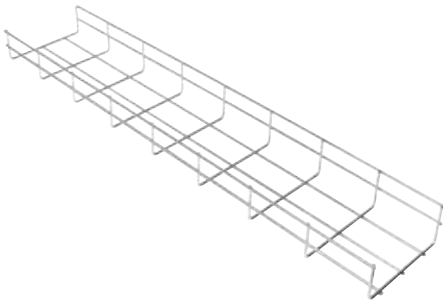


TABLES SHOWING APPROXIMATE CABLE CAPACITIES OF ALL STEEL WIRE CABLE TRAYS USING A 50% FILL RATIO

MC30			APPROX CABLE CAPACITY UNDER NEC 50% RULE		
CABLE TRAY	TOTAL FILL AREA (mm <sup>2</sup> )	NEC 50% RULE: ALLOWABLE FILL AREA (mm <sup>2</sup> )	CAT5e 4-pr UTP (4.9mm diam)	CAT 6 4-pr UTP (6.5mm diam)	CAT 6a 4-pr UTP (8.9 diam)
MC3050	1400	700	37	21	11
MC30100	2800	1400	74	42	23
MC30150	4200	2100	111	63	34
MC30200	5600	2800	148	84	45
MC30300	8400	4200	223	127	68

### 55mm Depth

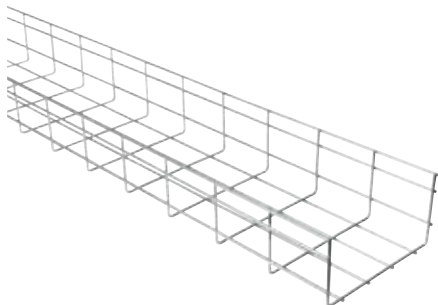
Steel Wire Cable Tray



MC55			APPROX CABLE CAPACITY UNDER NEC 50% RULE		
CABLE TRAY	TOTAL FILL AREA (mm <sup>2</sup> )	NEC 50% RULE: ALLOWABLE FILL AREA (mm <sup>2</sup> )	CAT5e 4-pr UTP (4.9mm diam)	CAT 6 4-pr UTP (6.5mm diam)	CAT 6a 4-pr UTP (8.9 diam)
MC5550	2600	1300	69	39	21
MC55100	5200	2600	138	78	42
MC55150	7800	3900	207	118	63
MC55200	10400	5200	276	157	84
MC55300	15600	7800	414	235	125
MC55400	20800	10400	552	313	167
MC55450	23400	11700	620	353	188
MC55500	26000	13000	689	392	209
MC55600	31200	15599.95	827	470	251

### 106mm Depth

Steel Wire Cable Tray



MC106			APPROX CABLE CAPACITY UNDER NEC 50% RULE		
CABLE TRAY	TOTAL FILL AREA (mm <sup>2</sup> )	NEC 50% RULE: ALLOWABLE FILL AREA (mm <sup>2</sup> )	CAT5e 4-pr UTP (4.9mm diam)	CAT 6 4-pr UTP (6.5mm diam)	CAT 6a 4-pr UTP (8.9 diam)
MC106100	10303	5152	273	155	83
MC106150	15452	7726	410	233	124
MC106200	20600	10300	546	310	166
MC106300	30903	15452	819	466	248
MC106400	41200	20600	1092	621	331
MC106450	46348	23174	1229	698	373
MC106500	51503	26752	1366	776	414
MC106600	617800	30900	1639	931	497

# Atkore International

Solutions from manufacturers in the Atkore family

## UNISTRUT®

**FLEXICON**  
FLEXIBLE CONDUIT SOLUTIONS

# Contents

UNISTRUT Cable Management & Metal Framing

UNISTRUT	102
UNISTRUT Cable Tray	103
UNISTRUT Cable Ladder	104
UNISTRUT Cable Trunking	105
Flexicon	106

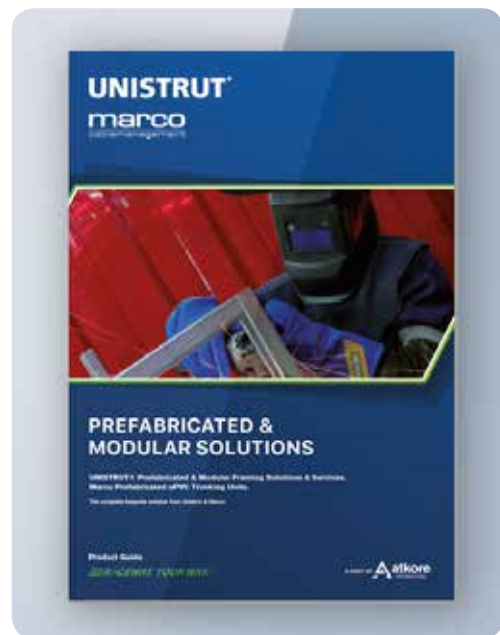
## More from Unistrut

### Cable Management & Metal Framing Catalogue



A new copy of the Unistrut cable management & metal framing catalogue is now available, containing details on the complete Unistrut range, including the new modular & prefabricated services.

### Prefabricated & Modular Solutions Brochure



The complete bespoke solution from Unistrut & Marco. Request a copy of our new prefabricated and modular brochure today to discover what our specialist services can offer your project.

**For more information, or to request a copy, contact Unistrut today!**



# Original Unistrut Metal Framing

## UNISTRUT Cable Management & Metal Framing

### Metal Framing System

The original and still the best, Unistrut metal framing offers unrivalled quality and durability and is designed to work with the full range of new Unistrut parts and accessories.

Designed and created by us, our metal framing underlines our commitment to produce products you'll be proud to install. Unistrut channels and fittings offer total design flexibility for multiple application types and can be used to construct almost anything you can imagine.

Unistrut metal framing is available in plain and slotted variants, offering greater flexibility to your design requirements. A full range of accessories are also available in welded and non welded options, supporting fittings and parts can also be supplied direct from Unistrut.

Users gain the additional bonus of full system assurance from Unistrut metal framing. Products are all punched with unique manufacturers marks, offering peace of mind that each component is genuine Unistrut.

**Multiple materials and finishes are available for Unistrut framing, including:**

#### Pre-Galvanised

PG

Our most popular finish, generally used for internal applications. Pre Galvanized to Z275- BS EN 10346 1.0244 standards. Supplied with a zinc coating to a nominal coat of 20µm.

#### Hot-Dip Galvanised

HG

Processed in accordance with BS EN ISO 1461: 2009. It is an excellent solution for outdoor environments and has a unique metallurgical structure which gives outstanding resistance to mechanical damage in transport, erection and service.

#### Plain Oil

PO

Plain oil to BS EN 10025 standards. Pickled & Oiled with a min. yield 280 N/mm<sup>2</sup> Excellent for welding and finishing on site. Ideal base for powder coating and other surface finishes.

#### Stainless Steel

SS

Stainless steel to 1.4404 (316L) standards. Excellent for marine applications, highly corrosive and extreme environmental conditions.

#### Zinc Plated

ZP

An alternative to a Pre Galvanized product and generally used for internal applications. Again often used in sterile environments. Electroplated EN 12329.

#### Powder-Coated

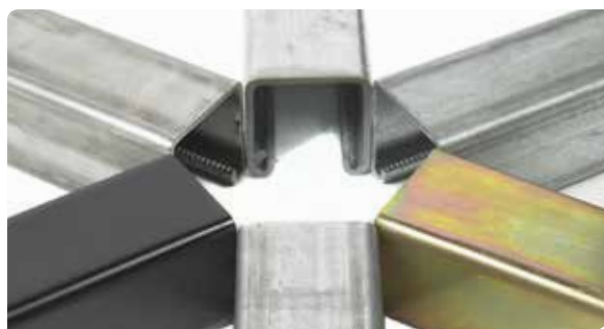
PC

A variety of powder coating finishes are available. Often used to provide a pleasing aesthetic finish such as shops and retail environments.

#### Double Hot-Dip Galvanised

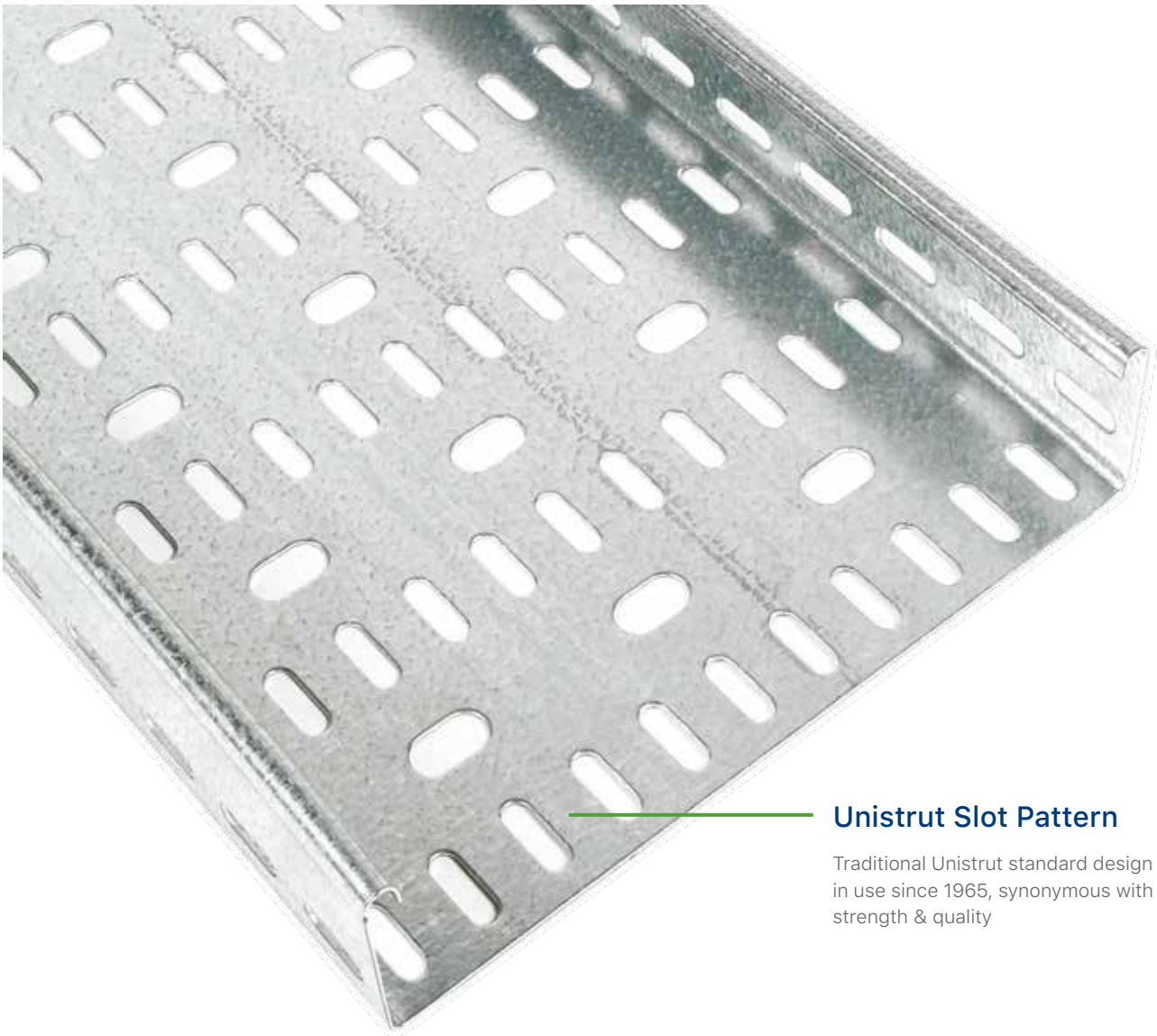
DH

Processed in accordance with BS EN ISO 1461: 2009 to a greater thickness than our standard Hot Dipped Galvanised, it is an excellent solution for outdoor and harsh environments.



# Unistrut Cable Tray

UNISTRUT Cable Management & Metal Framing



## Unistrut Slot Pattern

Traditional Unistrut standard design in use since 1965, synonymous with strength & quality

## 3 Strengths Available

### Light Duty

Available in 3m lengths with depths of 12mm (50mm wide to 225mm wide) and 18mm (300mm to 900mm wide), in [PG] Pre-galvanised, [HG] hot-dip galvanised and [SS] stainless steel finishes.

### Medium Duty

Available in 3m lengths with widths from 50 to 900mm, in [PG] Pre-galvanised, [HG] hot-dip galvanised and [SS] stainless steel finishes.

### Heavy Duty

Available in 3m lengths with widths from 75 to 900mm, in [PG] Pre-galvanised, [HG] hot-dip galvanised and [SS] stainless steel finishes.



## Full Range of Fittings & Accessories

Unistrut manufacture a full range of fittings & accessories for the Cable Tray range, which include flat 45 & 90 bends, crosses, tees, couplers, slices, reducers and many more. For more information on the range, contact us today to request a catalogue.

# Unistrut Cable Ladder

UNISTRUT Cable Management & Metal Framing

## Unistrut cable ladder systems are renowned worldwide for their quality and engineering excellence

Wherever severe corrosion conditions are present, or a long maintenance free life is required, Unistrut welded steel cable ladder systems is the obvious choice. Unistrut manufactures a complete range of cable ladder systems for a wide range of load and span combinations to suit the requirements of almost any installation.



- Supplied in medium, heavy and extra heavy duty sizes.
- Available in standard finishes of [HG] hot-dip galvanised and [SS] stainless steel, but also Specialist Finishes are available on request.
- Versatile system for heavy cabling.
- Engineered to maximise long span runs where support installation is limited.

- Cable ladders, both [HG] and [SS], are selected because of their heavy load carrying capacities and the excellent performance they give in harsh environments where salt spray or salt laden atmosphere, and other mild corrosive materials are present. Applications such as Oil & Gas, Petrochemical, port facilities and anything else you can imagine!

### Hot-Dip Galvanised

HG

Processed in accordance with BS EN ISO 1461: 2009. It is an excellent solution for outdoor environments and has a unique metallurgical structure which gives outstanding resistance to mechanical damage in transport, erection and service.

### Stainless Steel

SS

Stainless steel to 1.4404 (316L) standards. Excellent for marine applications, highly corrosive and extreme environmental conditions.





# Unistrut Cable Trunking

UNISTRUT Cable Management & Metal Framing



## Unique 'Positive Lock' Lid

Take the guess work out of installing. Our unique system locks into place to make fitting the lids a fast and secure process.

## QBN

Full traceability, in-line with other Unistrut products

## Unique Cut To Length Clip UTCL

Versatile fitting clip for cut lengths of trunking makes assembly fast and hassle free.

## Multi-Head Screws

There's no need to search for a specific tool. To save time, our multi-head screws can be tightened with a cross or slot screwdriver or a hex spanner.

## Available as Lighting Trunking

Our lighting trunking is loaded with the same innovations and quality standard as ours standard trunking range

## IP4X

Sleeve System to upgrade standard trunking system.

## Reliable

Trunking is supplied with Unistrut reassurance warranty

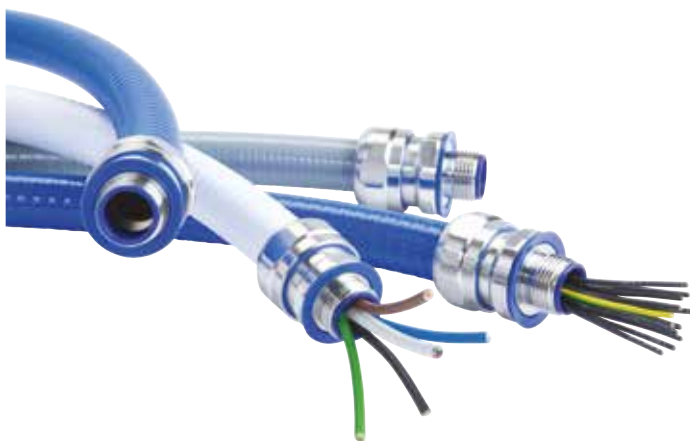
## Internal Trunking Connectors

Pre-assembled Internal Trunking Connectors allow you to securely connect trunking lengths in seconds. Saving you time and providing a safer external finish.

# Flexicon

## Flexible Conduit Solutions

Flexicon are specialist manufacturers of flexible conduit solutions and are able to offer a comprehensive range of Flexible Conduit and Pliable Conduit systems for Cable Protection. With over 60 metallic and non-metallic solutions, designed for use in a number of environments including Rail, Transport, Renewables, Utilities, Petrochemical and the Food and Beverage sector, Flexicon is able to cover all your needs.



### Metallic Conduit & Fittings

- High compression strength
- High pull off strength
- Wide temperature tolerances
- High impact strength
- EMC screening performance
- High IP rating, up to IP69
- Suitable for a range of applications, including heavy duty
- No risk of water or dust ingress

### Non-Metallic Conduit & Fittings

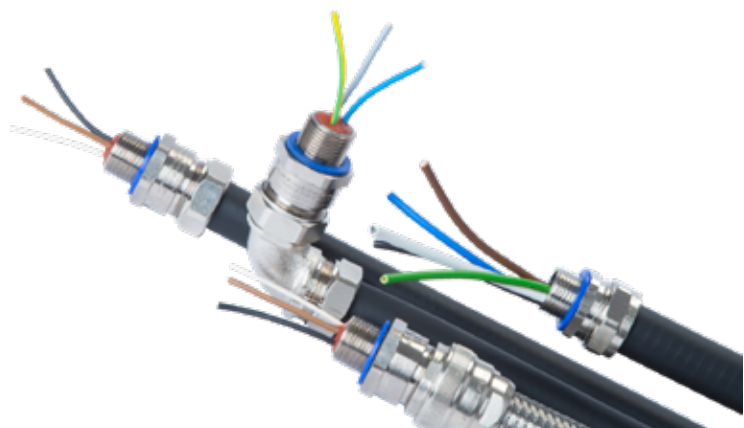
- Wide range of sizes
- Light weight
- Easy to cut
- High fatigue life
- Superior IP ratings, up to IP69
- Slit versions available
- Non corrosive
- Highly flexible



Flexicon utilise world-class technological know-how and continue to develop Flexible Conduit solutions to the latest international standards, providing new products for some of the most demanding markets for Cable Protection.

With superior Technical supports we are the experts you can rely on for your Cable protection needs.

For more information on Flexicon's products and services, visit [www.flexicon.uk.com](http://www.flexicon.uk.com) or contact the team today





## Complete Data Centre Management, from the UK's Number 1 Manufacturer

Channel Framing. Cable Ladder. Cable Tray. uPVC Trunking. Prefabrication & Modular.

Date Centre management is easy when utilising the complete Unistrut & Marco range, with products including cable ladder, traditional and spliced tray, steel wire cable tray and a wide range of uPVC trunking systems ensuring all your needs are met by the same supplier.

For more information, contact us or visit us online at  
[www.unistrut.co.uk](http://www.unistrut.co.uk) and [www.marcocm.com](http://www.marcocm.com)

**RACEWAY. YOUR WAY.™**

**UNISTRUT®**  
**marco**  
cablemanagement

A PART OF **atkore**  
INTERNATIONAL

# Testing

## Product Testing Methods

### Installation Test Area

Marco has created an installation test area at our factory premises, where all uPVC trunking and fittings can be installed and tested in a realistic setting.

Marco has a spectrophotometer to carry out in-house colour testing, external fire testing (Warrington Fire Testing), in-house quality/testing procedures and supplier test measurements for the uPVC compound Marco purchases.

### Thermal Expansion uPVC

It is recommended not to run the installation at high temperatures for long periods of time. The table below shows the various temperatures for the different uPVC trunking stages:

TEMPERATURE RANGE °C	MIN	MAX
<b>STORAGE</b>	-5	+50
<b>INSTALLATION</b>	-5	+50
<b>OPERATING</b>	-5	+50

### Water Absorption uPVC

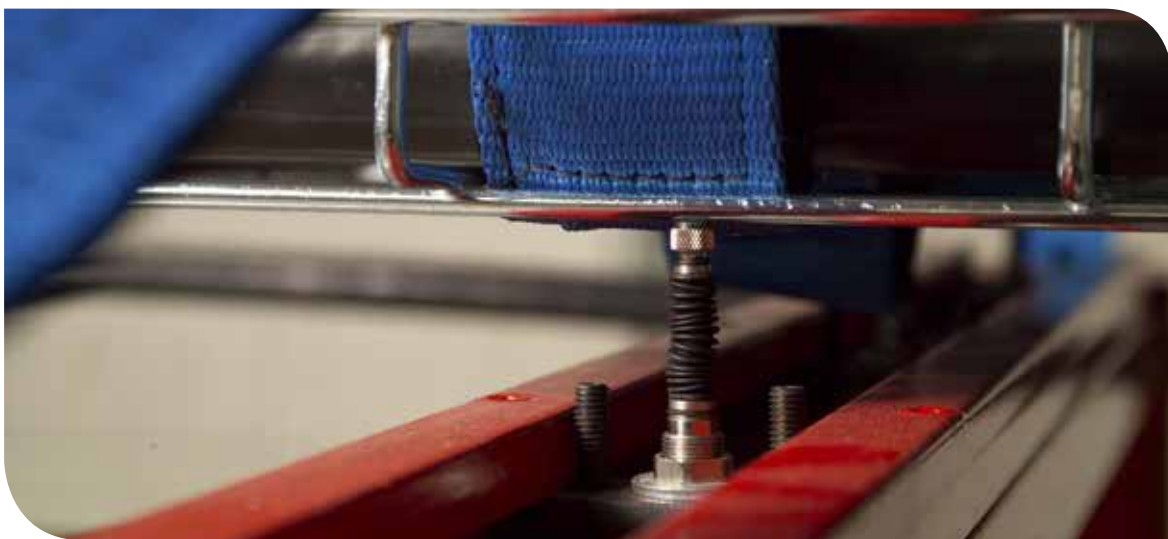
Negligible.

### Testing Facility

Marco has further demonstrated its commitment to producing the highest quality products on the market by investing in a high-tech suite of specialist test equipment.

To date, Marco is the only UK manufacturer of steel wire cable tray to own such high specification in-house testing equipment, which will ensure all products are fully compliant with IEC61537 and related standards.

Marco is now able to regularly carry out full deflection tests on all products, and is testing alternative configurations with a view to developing the next generation of trays for the UK and European Markets.



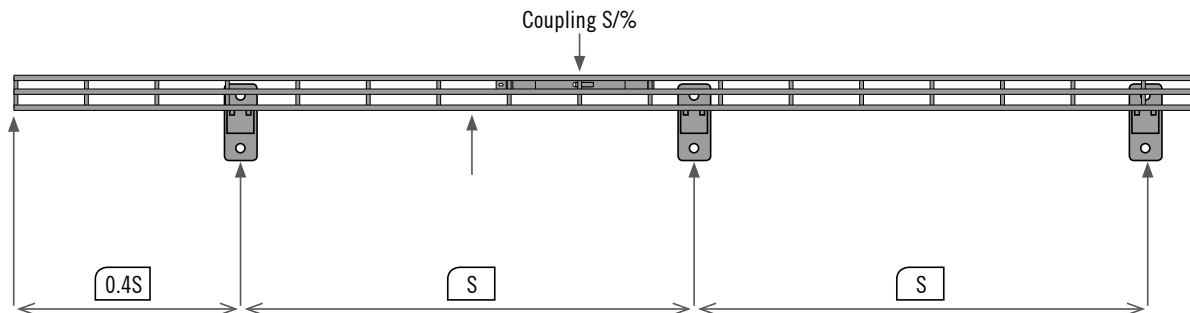


### Safe Working Load

Marco steel wire cable trays are tested across two spans and a cantilever.

The deflection is measured on the central span using three sensors placed on the sides and at the centre to the tray. The test method conforms to the BSEN 61537 standard.

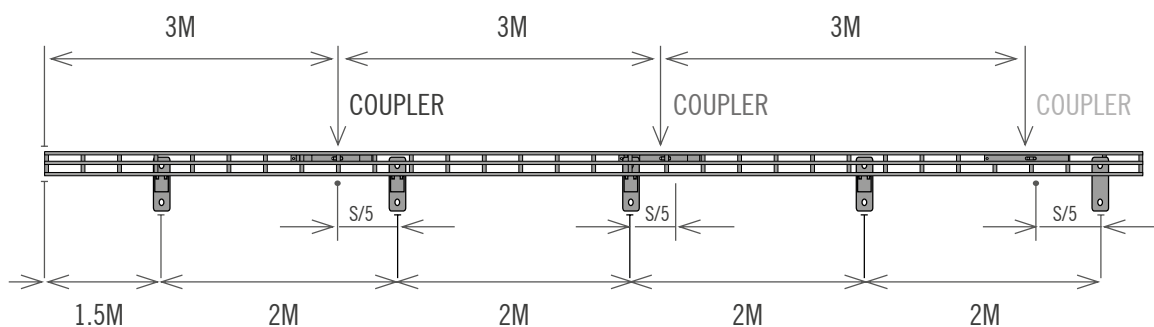
Note: The maximum deflection of 1/100 is always reached for a lesser load than that of the safety load. (The breaking point divided by a safety co-efficient of 1.7). CEI/61537



### Recommended Support Spacing

There is an optimum configuration to obtain 2 metre spans without the couplings being positioned at the supports or in the middle of the spans.

To obtain this result, the first span is deliberately limited to 1.5 metres, then the supports are placed approximately every 2 metres. The coupling points are therefore always 0.5 metres from a support.



# Testing

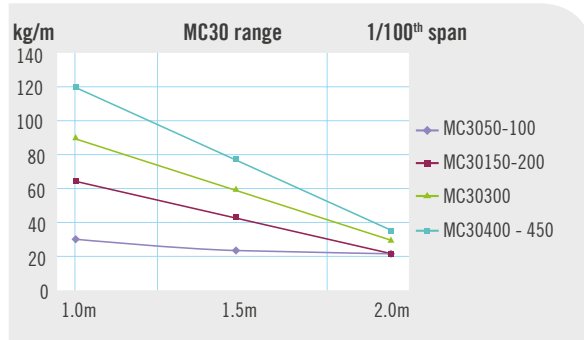
## Product Testing Methods

### Permissible Load

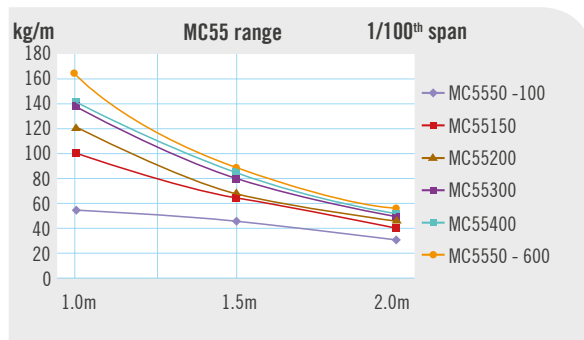
Permissible loads are tested for a maximum deflection of 1/100th of the span, with a coupling positioned at 1/5th of the span from the support.

The coefficient applied to the load for coupling in the middle of the span - 0.7.

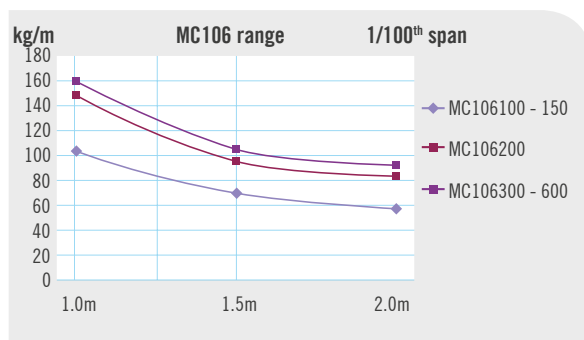
Permissible load for maximum sag =  $L/100$  on the intermediate span, coupling at 1/5th of the span.



MC30	
CODE	SIZE (mm)
MC3050	30 x 50
MC30100	30 x 100
MC30150	30 x 150
MC30200	30 x 200
MC30300	30 x 300
MC30400	30 x 400
MC30450	30 x 450
MC30500	30 x 500



MC55	
CODE	SIZE (mm)
MC5550	55 x 50
MC55100	55 x 100
MC55150	55 x 150
MC55200	55 x 200
MC55300	55 x 300
MC55400	55 x 400
MC55450	55 x 450
MC55500	55 x 500
MC55600	55 x 600



MC106	
CODE	SIZE (mm)
MC106100	106 x 100
MC106150	106 x 150
MC106200	106 x 200
MC106300	106 x 300
MC106400	106 x 400
MC106450	106 x 450
MC106500	106 x 500
MC106600	106 x 600

### Supports

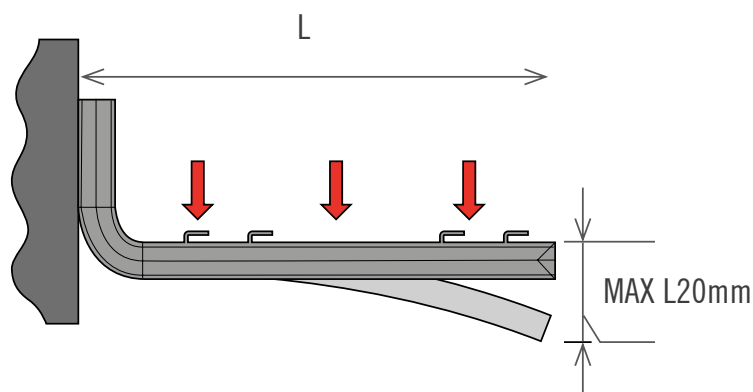
The brackets are characterised by their permissible loads (in Kg).

The hangers are characterised by their permissible torques (in Kg.m).  
All Marco supports are tested and conform with the standard BSEN61537.

The safe working load (SWL) as defined by the standard is the lowest value of either:

The load creating a deflection of  $L/20$  at the end

The breaking load divided by 1.7, if the deflection at  $L/20$  is not reached

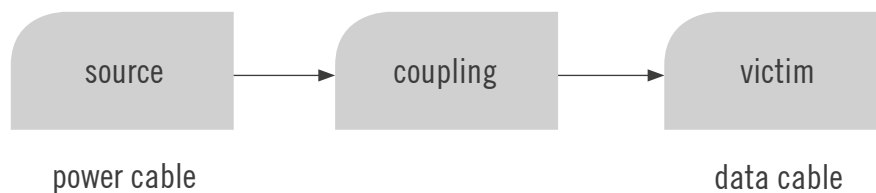


### Electro-Magnetic Compatibility

Marco engage the services of York EMC, part of The University of York, to investigate shielding effectiveness of Marco steel wire cable tray.

Marco steel wire cable tray is found to outperform the 200mm spacing configuration required by BSEN50174-2 proven by the independently commissioned EMC tests.

This indicates that Marco steel wire cable tray can offer a more efficient and compact installation (rather than relying on spacing).





# Testing

## Product Testing Methods

### Electrical Continuity

Marco engage the services of York EMC, part of The University of York to measure the resistance of steel wire cable tray and an MCQC.

The resistance tests are in comparison with requirements EN537:2007 clause 11.1, electrical continuity [1].

An electrical current is passed through the system in order to measure the resistance of the coupler. The lower the resistance, the better the electrical continuity.

The maximum steel wire cable tray impedance per metre is set at  $5\text{m}\Omega$ , while the value recorded using Marco's steel wire cable tray is  $1.3\text{m}\Omega$ , over 3 times more effective than the requirement specified.

Under the requirements of the standard, couplers must have a maximum resistance of  $50\text{m}\Omega$ . On average, Marco couplers are found to have a resistance of  $0.44\text{m}\Omega$ , over 100 times more effective than the specified requirement.

The steel wire cable tray and coupler exceed the requirements of the BSEN61537:2007 standard for the electrical continuity clause 11.1.



### Short Circuit Testing

Marco has carried out short circuit tests at an independent laboratory in Europe in order to prove that our steel wire cable tray is designed and manufactured with sufficient strength to withstand a short circuit fault.

Marco steel wire cable tray is tested in accordance with the standard that governs the manufacture of cable cleats, IEC6914:2009 (Cable Cleats for Electrical Installations) in order to prove that the system can be used for installations where there is a fault requirement.

During the test, two lengths of MC106450 (106mm high x 450mm wide) steel wire cable tray are supported and attached at intervals of 1.5 metres to three pieces of strut supports. The steel wire cable trays were coupled together at 1/5th of the span (300mm from the support) using four MCQC (Marco quick coupler), on the walls and base of the tray. The cables used to carry the current for the short circuit are placed in a trefoil installation using Ellis Patent's 'stainless steel' Vulcan + cleats positioned at intervals of 500mm along the length of the tray.

Testing in accordance with the standard IEC 61914:2009 clause 6.4.3, a current of 106KA is again passed through the same test object, with an inspection once more confirming that there had been no damage to the system.

The tests confirm that Marco steel wire cable tray is produced with enough strength and quality to withstand short circuits, enabling the system to be specified on a wide range of electrical installations.



### Fast-Fix Strut Clip (MCFUSC)

The Marco quick fit strut clip (MCFUSC) is ideal for a wide range of installations, including modular builds, as it is able to be fitted prior to transit, without the need of additional securing clips.

In order to prove that the MCFUSC can be used in even the most complex of installations, Marco undertake bespoke testing to the conditions of British Standard BSEN61537.

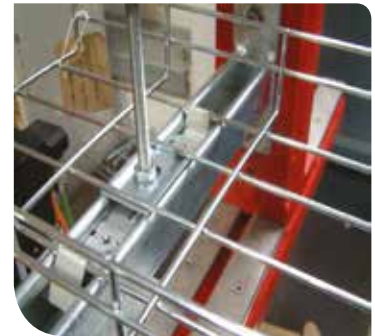
The testing takes place at Marco's in-house facilities, using a Compression and Tensile Testing Load Cell.

To determine a safe working load for the MCFUSC, a test is devised by fitting a length of MC55200EZ (55 x 200mm) steel wire cable tray to a piece of strut, attached using two MCFUSC clips.

The machine is then set to pull away from the centre position up to a maximum force of 80Kg, until either the steel wire cable tray deflected 5mm in height, or the MCFUSC failed.

The steel wire cable tray reaches the desired deflection of 5mm with the MCFUSC holding securely in place.

**Marco can therefore prove that the MCFUSC has a safe working load of 80Kg.**



### Environmental

Marco products are produced to all applicable environmental standards. No compounds used contain any substances classified as health hazards according to EEC directive 1999/45/EC and the UK CHIP Statutory Instrument 2002 to 1689.

100% of all possible recycled uPVC material is re-used in the manufacture of Marco trunking systems. Recycled material is only used in the manufacture of our uPVC trunking bases, in order to allow the visible elements and accessories to retain their pure white finish. In order to maintain the highest quality possible and keep tolerances above the required level, the ratio of regrind to virgin material does not exceed a predetermined percentage.

All Marco steel wire cable trays are manufactured from a steel wire rod comprising 100% recycled material. 100% of the minimal amount of scrap steel wire cable tray produced is sold locally for reprocessing. Marco steel wire cable tray production is UK based, reducing both its 'product-miles' and carbon footprint to a minimum and setting it apart from its main competitors.

Marco recognises that it can extend its sustainability policy beyond its own business and encourage customers to return old products to Marco for recycling and reprocessing into good production.

Marco products are RoHS compliant and meet REACH credentials and the company is supporting their customers towards achieving a high BREEAM rating or other accreditations.



# Case Study

## Longdean School

### CLIENT

Interserve

### PROJECT

Longdean School

### SECTOR

Education

### PRODUCTS

uPVC Trunking  
Power Poles



Marco's presence within the UK education sector continues to grow from strength to strength, the firm's Elite 3 uPVC trunking being utilised at Interserve's pioneering PF2 scheme.

The £150 million HLR Schools project involves the demolition and new build of seven secondary schools in the South East of England.

Developed under a challenging time frame, a uniformed and standardised approach across all seven sites was critical. Marco's Elite 3 trunking formed part of the specification applied across all projects in line with the wider approach.

Enabling works began in March 2015. Developed in phases concurrently, the new builds were constructed on existing playing fields and car parks. Upon completion the old buildings have been demolished and the sites made good for recreational use.

Stuart Langridge (Associate Director) for Interserve Engineering Services explained: "We recognise the synergy between Marco's Elite trunking and the education market and appreciated their experience within this sector, as well as the many benefits that the product presented.

"As with all of our specifications, careful consideration was given to quality. Future-proofing was another major factor, and how this could be managed, so the Elite trunking was a perfect fit for the Cat6 structured cabling solution. The Education Funding Agency approved use of the Elite products during the design and planning phase, this was pre-agreed far in advance of installation work.

"In terms of volume, we have ordered vast quantities of Elite trunking across all seven sites. Our team were impressed with ease of installation and the modern bright white and curved aesthetics of Elite (with grey plates for DDA compliance), which sit really well within this type of environment."



To read more case studies on Marco's products and the projects that have utilised them, visit [www.marcocm.com](http://www.marcocm.com)



# Case Study

## South Glasgow General Hospital

### CLIENT

Mercury Engineering

### PROJECT

South Glasgow  
General Hospital

### SECTOR

Health

### PRODUCTS

uPVC Trunking  
Hygieia Anti-Microbial



Marco has made its final delivery to contractors on site at Glasgow General, the largest single NHS hospital ever built in Scotland.

Mercury Engineering managed the entire construction programme at the hospital, one of the most advanced medical facilities in the world, which includes a 14 storey adult hospital and a 5 storey children's hospital. The facility also has 20 modern operating theatres and is home to major specialised services for renal medicine, transplantation and vascular surgery.

Due to the complex nature of this project, Marco supplied its trunking system pre-fabricated to suit Mercury Engineering's exact requirements, and the Hygieia specification was utilised across the vast hospital site.

Gavin Hanlon, Electrical Manager at Mercury Engineering said: "Mercury learned about the Hygieia product from previous Marco case studies and their success on other large healthcare projects.

The Hygieia specification is a perfect fit in environments where the spread of bacterial growth must be controlled, which was a key factor to Mercury when considering the hygiene requirements of a modern day hospital.

Mercury is very happy with the products that Marco supply. Not only are the products of good quality, but Marco themselves as an organisation are very good with communication and delivery of products."

Marco utilises silver ion technology within its Hygieia specification to create a defence against 99.9% of harmful bacteria growth. This provides built-in protection from, and prevents the growth of, bacteria including MRSA, E-Coli, Salmonella, Klebsiella Pneumoniae and Streptococci; along with fungi, mildew and mould.

The antimicrobial compound is incorporated into the uPVC, and is therefore an integral part of the Trunking. As a result, there is no degradation of performance if the surface becomes scratched or damaged.

All antimicrobial products are tested in accordance with ISO22196:2007, which specifies the method of evaluating the antibacterial activity of treated uPVC products and is in compliance with all relevant European regulations.



# Part Code Index

MC106100	77	MCCSB450	86	MCM55500	78
MC106150	77	MCCSB500	86	MCM55600	78
MC106200	77	MCCSB600	86	MCM620NW	84
MC106300	77	MCD106	86	MCMFP	83
MC106400	77	MCD30	86	MCQC	82
MC106450	77	MCD55	86	MCQLL	82
MC106500	77	MCDJB	82	MCQLS	82
MC106600	77	MCDOP / MCET16-30	82	MCROP	85
MC30100	77	MCET16	85	MCSB100	84
MC30150	77	MCFB3100	65	MCSB1012	84
MC30200	77	MCFB3130	65	MCSB150	85
MC30300	77	MCFB370	65	MCSB50	84
MC30400	77	MCFB4100	65	MCSB68	84
MC30450	77	MCFB4130	65	MCSH	82
MC3050	77	MCFB470	65	M CSP	84
MC30500	77	MCFCP	83	M CSP90	84
MC55100	77	MCFCP3	83	MCS SC	81
MC55150	77	M CFFB	81	MCS SCL	81
MC55200	77	MCFJC	81	MCTAG	85
MC55300	77	MCFJCL	81	MCTS35	85
MC55400	77	MCFJCM	81	MCUSB	83
MC55450	77	MCFUSC	81	MCWB100	87
MC5550	77	MC660100	79	MCWB150	87
MC55500	77	MC660150	79	MCWB200	87
MC55600	77	MC660200	79	MCWB300	87
MCAMP	83	MC66060	79	MCWB400	87
MCB35	85	MCHC-S	81	MCWB450	87
MCCA	83	MCL100	86	MCWB50	87
MCCB	83	MCL150	86	MCWB500	87
MCCB100	87	MCL200	86	MCWB600	87
MCCB150	87	MCL300	86	MCWFB100	86
MCCB200	87	MCL400	86	MCWFB150	86
MCCB300	87	MCL450	86	MCWFB200	86
MCCB400	87	MCL500	86	MCWFB300	86
MCCFB100	87	MCL600	86	MCWFB400	86
MCCFB150	87	MCM106100	78	MCWFB450	86
MCCFB200	87	MCM106150	78	ME3	15
MCCFB300	87	MCM106200	78	ME3AM	15
MCCFB400	87	MCM106300	78	ME3AMCHL	15
MCCFB450	87	MCM106400	78	ME3AMLGL	15
MCCL	79, 82	MCM106450	78	ME3C	17
MCCL25	79, 82	MCM106500	78	ME3CH	15
MCCM	84	MCM106600	78	ME3CHL	15
MCCS	83	MCM55100	78	ME3E	16
MCCSB100	86	MCM55150	78	ME3E-135	16
MCCSB1000	86	MCM55200	78	ME3F	16
MCCSB150	86	MCM55300	78	ME3I	16
MCCSB200	86	MCM55400	78	ME3I-135	16
MCCSB300	86	MCM55450	78	ME3J	17
MCCSB400	86	MCM5550	78	ME3LG	15

# Part Code Index

ME3LGL	15
ME3RCDH	19
ME3SD	17
ME3SDE	17
ME3T	16
ME3TOA	17
MEC3	21
MEC3AM	21
MEC3AMCHL	21
MEC3AMLGL	21
MEC3C	23
MEC3CH	21
MEC3CHL	21
MEC3E	22
MEC3E-135	22
MEC3F	22
MEC3I	22
MEC3I-135	22
MEC3J	23
MEC3LG	21
MEC3LGL	21
MEC3SD	23
MEC3SDE	23
MEC3T	22
MEC3TOA	23
MFBSH	69
MFSAC65	71
MFSB365	71
MFSIL	71
MFSJB65	71
MFSSE65	71
MFSUGB65	71
MM1	47
MM1BA	49
MM1C	48
MM1F	48
MM1I	48
MM1J	48
MM1T	48
MM2	47
MM2BA	49
MM2C	48
MM2F	48
MM2I	48
MM2J	48
MM2T	48
MM3	46
MM3C	48
MM3F	48
MM3I	48

MM3J	48
MM3T	48
MM4	47
MM4C	48
MM4F	48
MM4I	48
MM4J	48
MM4T	48
MMBF1	45
MMBF2	45
MMBX1	45
MMBX2	45
MMS1	47
MMS2	47
MMS3	47
MMS4	47
MMT100	44
MMT50	44
MMT75	44
MMTC100	45
MMTC50	45
MMTC75	45
MMTE100	45
MMTE50	45
MMTE75	45
MMTF100	45
MMTF50	45
MMTF75	45
MMTI100	45
MMTI50	45
MMTI75	45
MMTJ100	45
MMTJ50	45
MMTJ75	45
MMTT100	45
MMTT50	45
MMTT75	45
MP3-1X2GF	66
MP3-2GS	66
MP3-2GSC	66
MP3-2GSLH	66
MP3-2GSRCD	67
MP3-2GSRH	66
MP3-2X1GF	66
MP3-3GS	66
MP3-4DA	67
MP3-6D	66
MP3-8D	67
MP3-BP	67
MP3-EU	67

MP3-RCDH	67
MP4-2GS	68
MP4-2GSC	68
MP4-2GSLH	69
MP4-2GSRH	69
MP4-3GS	68
MP4-4DA	68
MP4-6D	68
MP4-BP	69
MP4-EU	68
MSB32R1	49
MSB32R2	49
MSB32S1	49
MSB32S2	49
MSB44R1	49
MSB44R2	49
MSFT65	70
MT105	41
MT105AM	41
MT105AMCHL	41
MT105AMLGL	41
MT105CH	41
MT105CHL	41
MT105LG	41
MT105LGL	41
MT60	27
MT60CHL	27
MT60CL	29
MT60CR	29
MT60E	28
MT60FD	28
MT60FU	28
MT60I	28
MT60J	29
MT60LGL	27
MT60RCDH	31
MT60SD	29
MT60SDE	29
MT60T	28
MT60TD	28
MTAS	37
MTBC	54
MTBJ	54
MTBT	53
MTBT-BB	53
MTBT-BBW	53
MTBTE	54
MTBTEW	54
MTBTI	54
MTBTIW	54

# Part Code Index

MTBTW	53	MTDQ3LG	33	MTS3	33
MTBU1	55	MTDQ3LG	33	MTS3CH	33
MTBU1-BB	55	MTDQ4	39	MTS3GHL	33
MTBU1-BBW	55	MTDQ4CH	39	MTS3LG	33
MTBU1W	55	MTDQ4CHL	39	MTS3LGL	33
MTBU2	55	MTDQ4LG	39	MTS4	33
MTBU2-BB	55	MTDQ4LGL	39	MTS4CH	39
MTBU2-BBW	55	MTDQC3	36	MTS4CHL	39
MTBU2W	55	MTDQC4*	39	MTS4LG	39
MTBU3	55	MTDQE3	35	MTS4LGL	39
MTBU3-BB	55	MTDQE4*	39	MTSB1	39
MTBU3-BBW	55	MTDQF3	35	MTSB1-25	19, 24, 30, 38, 43
MTBU3W	55	MTDQF4	39	MTSB1-25-4	19, 24, 30, 38, 43
MTBU4	55	MTDQI3	35	MTSB1-4	19, 24, 30, 38, 43
MTBU4-BB	55	MTDQI4*	39	MTSB1-50	19, 24, 30, 38, 43
MTBU4-BBW	55	MTDQJ3	35	MTSB1-F	18, 30
MTBU4W	55	MTDQJ4*	39	MTSB2	18, 24, 30, 38
MTC105	42	MTDQT3	35	MTSB2-25	18, 24, 30, 38, 43
MTCR	37	MTDQT4	39	MTSB2-50	18, 24, 30, 38, 43
MTD105	19	MTDS3AM	33	MTSB2-F	18, 30
MTD105	31	MTDT3	34	MTSCL3	10, 24, 30, 38
MTD105	37	MTDT4	39	MTSCL4*	36
MTD105	43	MTE105	42	MTSCR3	39
MTD105	60	MTF105	42	MTSCR4*	36
MTD1052	53	MTI105	42	MTSE3	39
MTD3	33	MTJ105	42	MTSE4*	36
MTD3AM	33	MTLS	19	MTSF3D	39
MTD3CH	33	MTLS	31	MTSF3U	36
MTD3CHL	33	MTLS	37	MTSF4D	36
MTD3LG	33	MTLS	43	MTSF4U	39
MTD3LGL	33	MTLS	60	MTS4*	39
MTD4	39	MTP1	59	MTSJ3	39
MTD4CH	39	MTP1-5	59	MTSJ4*	36
MTD4CHL	39	MTP1E1	61	MTST3	39
MTD4LG	39	MTP1E1W	61	MTST4	36
MTD4LGL	39	MTP1W	59	MTSTI3	39
MTDC3	34	MTP1W-5	59	MTT105	36
MTDC4*	39	MTPCS	60		
MTDE3	34	MTPFB	60		
MTDE4*	39	MTPP1	59		
MTDF3	34	MTPP1W	59		
MTDF4	39	MTPPT	61		
MTDI3	34	MTPRCDH	61		
MTDI4*	39	MTPSB1	53		
MTDJ3	34	MTPSB1	60		
MTDJ4*	39	MTPSB1-25	53		
MTDQ3	33	MTPSB1-25	60		
MTDQ3AM	33	MTPSB2	53		
MTDQ3CH	33	MTPSB2-25	53		
MTDQ3CHL	33	MTRCDH	37		



## 1. DEFINITIONS

The following words shall mean:

Bank: HSBC. Buyer: the Company wanting to buy or having agreed to buy the goods from the seller. Conditions: the terms and conditions set out in this document

Contract: any contract between the Buyer and the Seller for the sale and purchase of the Goods. Delivery Point: Unit 8, Bryn Cefni

Industrial Park Llangefti Anglesey

LL77 7XA or an address specified on an order form or similar document and accepted by the Seller. Goods: the goods that the Buyer agrees to purchase from the Seller as set out in the purchase order or similar document. Price: the price for the goods excluding VAT, shall be the price set out in the Seller's current price list at the date on which an order is dispatched. Seller: Marco Gearing Ltd trading as Marco Cable Management. Working Day: Monday to Friday excluding bank and other public holidays.

## 2. APPLICATION OF TERMS

2.1. Any Contract shall be on these Conditions to the exclusion of any other terms and conditions.

2.2. Any order for Goods from the Buyer shall be deemed to be an offer to purchase the Goods subject to these Conditions.

2.3. The Conditions shall not be varied unless any agreement to vary is recorded in writing and signed by the Seller.

2.4. The Seller shall have the right (but is not restricted) to accept the Buyer's order once it has sent to the Buyer acknowledgement and acceptance of the order. Upon the Seller sending the acknowledgment and acceptance of the order or the Goods, the Seller and the Buyer will have a binding contract between them.

2.5. The Buyer warrants that all the details in the order are complete and accurate.

2.6. The Conditions shall apply to the sale of all Goods. Save as has been specifically provided for in the Conditions, any representations relating to the Goods shall not be effective unless expressly agreed in writing and signed by both the Seller and the Buyer.

## 3. THE GOODS

3.1. The Buyer acknowledges that they have entered into the Contract as a result of their inspection or knowledge of the Goods and not in reliance upon any description given by the Seller.

3.2. All drawings, descriptive matter, specifications and advertising issued by the Seller are issued or published for the sole purpose of giving an approximate idea of the Goods described in them and shall not form part of the Contract.

## 4. DESPATCH OF THE GOODS

4.1. Any date specified by the Seller for despatch of the Goods is intended to be an estimate and time for despatch is not and shall not be made of the essence of the contract. If no date is so specified, delivery shall be within a reasonable time.

4.2. The Seller shall not be liable to the extent permitted by law for any loss (including any loss of profit), costs, damages, charges or expenses caused directly or indirectly by any delay in making the Goods (even if caused by its negligence).

## 5. TITLE AND RISK

5.1. Title and ownership to the Goods shall not pass from the Seller to the Buyer until the Seller has received the Price in full together with all other sums payable by the Buyer to the Seller.

5.2. Until title and ownership in the Goods has passed, the Buyer shall hold the Goods and each of them as bailee on behalf of the Seller and on a fiduciary basis retain the Goods separate from its other merchandise and possessions; and keep the Goods identifiably separate.

5.3. The Goods shall be at the risk of the Seller up until the Buyer or the Buyer's agent arrives at the Delivery Point to take receipt

## 6. PAYMENT

6.1. Subject to any written offer made by the Seller all invoices are payable without discount of any kind in pounds sterling within the agreed number of days of the date of the invoice and in no circumstances may the Buyer make any deduction or withhold payment for any reason at all

6.2. If the Buyer fails to pay the invoice by the due date and without prejudice to any rights of the Seller, the Buyer shall:

6.2.1. Forfeit any discount given in that invoice or in any other way agreed; and

6.2.2. Pay interest on any overdue amount from the date on which payment was due to the date of actual payment (whether before or after judgment) on a daily basis at a rate of interest

3% over the base from the time quoted by the Bank and reimburse to the Seller all costs and expenses (including legal costs) incurred in the collection of any overdue amount.

6.3. The Buyer shall make all payments due under the Contract without any deduction whether by way of set-off, counter-claim, abatement or otherwise unless it has a valid court order requiring an amount equal to such deduction to be paid.

6.4. Until the Seller is in possession of cleared funds, the Buyer shall not be deemed to have made a payment and until then the Buyer shall hold the Goods on a fiduciary basis as bailee for the Seller and the Buyer shall store the Goods at no cost to the Seller.

6.5. If the Buyer does not make payments as required, the Seller may terminate the Contract. The Buyer shall indemnify the Seller for any losses the Seller incurs in terminating the Contract including the value of the Goods the subject of the Contract. Normally the Buyer does not pay for the goods because he has become insolvent. Under that circumstance it is sometimes possible to recover the products from the Buyer.

6.6. The minimum cost of any order shall be no less than fifty pounds (£50). The Seller shall not be responsible for carriage of any

Goods costing less than two hundred pounds (£200)

Terms & Conditions

tel: 01248 725777 fax: 01248 725788 email: marcosales@atcore.com web: www.marcocm.com

Marco Cable Management is the trading name of Marco Gearing Limited.

Registered Office: Unit 8, Bryn Cefni Industrial Park, Llangefti, Anglesey, LL77 7XA. Registered in England & Wales, Number 4412044

## 7. QUALITY

7.1. If the Seller is not the manufacturer of the Goods, (it) shall transfer the benefit of any warranty or guarantee that it has been given.

7.2. The Buyer accepts that it buys or is deemed to buy the Goods as seen and in the condition they are at the time the order is placed.

## 8. LIMITATION OF LIABILITY

8.1. The Seller shall not have any liability to the Buyer for any loss or damage of any nature arising from any breach of any express or implied warranty or condition or term of the Contract or these Conditions as may be amended from time to time or any negligence, breach of statutory or other duty on the part of the Seller or in any other way out of or in connection with the performance or purported performance of or failure to perform the contract except:

8.1.1. For death or personal injury resulting from the Seller's negligence; and

8.1.2. As expressly stated in these conditions.

8.2. The Seller shall not be liable for any defect arising from any design or specification provided or made by the Seller or if any adjustments, alterations or other work has been done to the Goods by any person except the Seller or its authorised agent.

8.3. The Seller shall not be liable where any Goods are lost or damaged in transit. Any claims by the Buyer may be made against the agent, third party or representative acting as the carrier.

8.4. All warranties, conditions and other terms implied by statute or common law (save for the conditions implied by sections 12, 13, 14 or 15 of the Sale of Goods Act 1979) are, to the fullest extent permitted by law, excluded from the Contract.

8.5. In the event of any breach of these Conditions or any Contract by the Seller the remedies of the Buyer shall be limited to damages and under no circumstances shall the liability of the Seller exceed the price of the Goods.

8.6. The Seller shall not be liable for any consequential loss or indirect loss (including but not limited to loss of profits, contracts, damage to property of the Buyer or any third party) suffered by the Buyer arising from any breach of a duty in contract or tort or in any other way including the Seller's negligence.

## 9. CANCELLATION

The Seller may cancel a contract at any time before the Goods are delivered by giving written notice. On giving such notice the Seller shall promptly repay to the Buyer any sums paid in respect of the contract price. The Seller shall not be liable for any loss or damage whatever arising from such cancellation. No cancellation of the whole or any part of any order by the Buyer is permitted except where expressly agreed in writing by an authorised officer of the Seller and on terms which will indemnify the Seller against any loss incurred. Where the Goods are returned by the Buyer without the Seller's consent other than under the provisions of these Terms and Conditions they will not be accepted for credit.

## 10. INTELLECTUAL PROPERTY

Unless otherwise agreed in writing by an authorised officer of the Seller all goods sold in retail packaging may be resold by the Buyer only in the packaging supplied by the Seller and in no case may any trade mark other than those applied by the Seller be marked on or applied in relation to the Goods. No right or license is granted under this contract of sale to the Buyer under any patent, trade mark, copyright, registered design or other intellectual property right except the right to use the Goods.

The specification[s] and design[s] of the Goods (including the copyright, design right or other intellectual property in them) shall as between the parties be the property of the Seller. Where any designs or specifications have been supplied by the Buyer for manufacture by or to the order of the Seller then the Buyer warrants that the use of those designs or specifications for the manufacture, processing, assembly or supply of the Goods shall not infringe the rights of any third party.

## 11.

If the Buyer fails to make payment for the Goods in accordance with the Contract or commits any other breach of terms of these

Conditions or Contract or if any distress or execution shall be levied upon any of the Buyer's goods or if the Buyer offers to make any arrangement with its creditors or if any petition in bankruptcy is presented against the Buyer or the Buyer is unable to pay its debts as they fall due or if being a limited company any resolution or petition to wind up the Buyer (other than for the purpose of amalgamation or reconstruction without insolvency) shall be passed or presented or if a receiver administrative receiver or manager shall be appointed over the whole or any part of the Buyer's business or assets or if any petition for the appointment of an administrator is presented against the Buyer or if the Buyer shall suffer any analogous proceedings under foreign law all sums outstanding in respect of the Goods shall become payable immediately. The Seller may in its absolute discretion cancel any discounts or special prices and revert to the price for any Goods ordered by the Buyer's or in the Buyer's possession or control as set out in the list price. The Seller may in its absolute discretion and without prejudice to any other rights which it may have suspend all future deliveries of Goods to the Buyer and/or terminate the contract without liability upon its part and/or exercise any of its rights pursuant to clause these Terms and Conditions.

## 12. FORCE MAJEURE

Neither party will be liable for any delay in performing or failure to perform any of its obligations under this agreement caused by events beyond its reasonable control ('Force Majeure Event'). However any delay or failure by a Sub-Contractor or supplier of the Buyer will not relieve the Buyer from liability for delay or failures except where that delay or failure is also beyond the reasonable control of the Sub-Contractor or supplier concerned. The party claiming the Force Majeure Event will promptly notify the other in writing of the reasons for the delay or stoppage (and the likely duration) and will take all reasonable steps to overcome the delay or stoppage. The party claiming the Force Majeure Event shall have its performance under this Agreement suspended for the period that the Force Majeure Event continues and the party will have an extension of time for performance which is reasonable and in any event equal to the period of delay or stoppage. Any costs arising from the delay or stoppage will be borne by the party incurring those costs. Either party may, if the delay or stoppage continues for more than 30 continuous days, terminate the contract with immediate effect on giving written notice to the other and neither party will be liable to the other for such termination. The party claiming the Force Majeure Event will take all necessary steps to bring that event to a close or to find a solution by which the contract may be performed despite the Force Majeure Event.

## 13. ASSIGNMENT

The Buyer shall not assign, transfer, purport to assign or transfer any contract to which these Terms and Conditions apply or the benefit thereof to any other person whatsoever unless agreed in writing by an authorised officer of the Seller.

## 14. GENERAL

14.1. Each right or remedy that the Seller and the Buyer has under these Conditions or any Contract is without prejudice to any other right or remedy that may exist.

14.2. In the event that any term of these Conditions or any provision of any Contract is declared by any judicial or other competent authority to be void, voidable, illegal, or otherwise unenforceable or if an indication to that effect is received by either the Buyer or the Seller from any competent authority, the Buyer and the Seller shall amend that term or provision in such reasonable manner as achieves the intention without illegality.

14.3. If the Seller or the Buyer:

14.3.1. Fails or delays to exercise any right or remedy, it shall not operate as a waiver of it; and

14.3.2. Partially exercises any right or remedy, neither of them shall be precluded from further exercising the right, remedy or other power.

14.4. Any waiver of a breach of any provision of the Contract shall not:

14.4.1. Be deemed to be a waiver of any subsequent breach or default; and

14.4.2. Affect the other terms of the Contract.

14.5. These Conditions and any Contract shall be governed by and construed in all respects in accordance with English law.

In relation to any legal action or proceedings to enforce the contract or arising out of or in connection with these Conditions or any Contract, the Buyer and the Seller irrevocably submits to the jurisdiction of the English courts.

14.6. For the avoidance of doubt nothing contained in these conditions or any Contract shall confer on any third party any benefit or the right to enforce any term of these Conditions or any Contract.

## 15. NOTICE

15.1. Any notice to be given under the Contract shall be:

15.1.1. Delivered personally;

15.1.2. Sent by first class prepaid recorded delivery or registered post; or

15.1.3. By fax.

15.2. A notice shall be deemed and served as follows:

15.2.1. If personally delivered, at the time of delivery;

15.2.2. If posted, within 48 hours of posting or in the case of airmail seven days after the envelope was delivered into the custody of the postal authorities; and

15.2.3. If sent by fax, the time of transmission.

## Marco Cable Management

Unit 8  
Bryn Cefni Industrial Park  
Llangefni  
LL77 7XA  
Wales

Phone / +44 (0) 1248 725 772  
Fax / +44 (0) 1248 725 788  
Email / [marcosales@atkore.com](mailto:marcosales@atkore.com)

[www.marcocm.com](http://www.marcocm.com)

## Unistrut Ltd.

Delta Point  
Greets Green Road  
West Bromwich  
B70 9PL  
England

Phone / +44 (0) 121 580 6300  
Fax / +44 (0) 121 580 6370

[www.unistrut.co.uk](http://www.unistrut.co.uk)

## Flexicon Ltd.

Roman Way  
Coleshill  
Birmingham  
B46 1HG  
England

Phone / +44 (0) 1675 466 900  
Fax / +44 (0) 1675 466 901

[www.flexicon.uk.com](http://www.flexicon.uk.com)



UNISTRUT®



Columbia-MBF™



UNISTRUT®  
Construction

VERGOKAN



SprinkFLEX®



KAF-TECH®

marco  
cablemanagement



COBRASYSTEMS INC™

FLEXICON  
FLEXIBLE CONDUIT SOLUTIONS

**RACEWAY. YOUR WAY.™**

A PART OF **atkore**  
INTERNATIONAL