

Zinc Aluminium Steel Wire Cable Tray



Atkore[™]
Marco

Building better together.



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ABOUT ATKORE MARCO

Established in 2003, Atkore Marco has 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 business 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.

Atkore Marco has remained committed to its customer-first ethos and upholds its core values. 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 Atkore Marco has grown to become a leading supplier in its field and continues to strengthen its presence.

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



Part of the Atkore Family

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

Standards

BS EN 61537:2007, BS EN 50085-1:2005+A1:2013, BS 6701:2016+A1:2017, BS 7671:2018, ISO 45001, EN1090 CE, EN1090 UKCA, E90, ISO 9001, ISO 14001, ISO 11901-1:2003, BS EN 61534, BS EN 50085-2, IEC 6244, BS EN 1403, BS 7371-3, BS 4662, BS 4678-41982. BS EN ISO 2081 and Cenelec (EN 50173 Part 1 / 2, EN 50174-2) ANSI/TIA 568B.



WORKING WITH ATKORE MARCO

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

In 2014, Atkore Marco introduced the MCSSC Fast-Fix coupler to Steel Wire Cable Tray accessories. The MCSSC consolidated the Fast-Fix accessory range, and all products in this range are designed to ease installation and drastically reduce time spent installing lengths.

In 2017, Marco became part of Atkore, and operates along-side Atkore Unistrut. This partnership has allowed Atkore Marco to develop a stronger line of Pre Fabricated and Modular products, with pre-cut and assembled lengths of the trunking systems which are available in almost any size.

Atkore Unistrut & 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.

Atkore Marco also offer technical support and advice on all products, with teams ready to answer any technical questions regarding the product portfolio.

Quality, service and trust are integral to the Atkore Unistrut & Marco business, and these principle have helped the company develop.

BUILDING BETTER TOGETHER

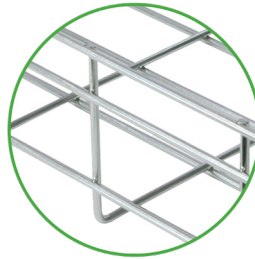


[Click here to find out about our latest award!](#)



Cathodic Protection

Zinc-alloy coatings also offer cathodic protection of uncoated areas of the steel (e.g. cut-ends or scratches). This helps counteract the corrosive attack on the steel and allows the SWCT to have 'Self-Healing' properties.



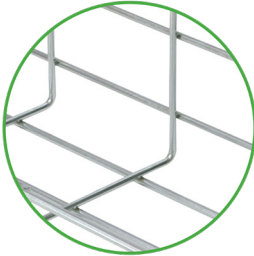
Heat Resistance

Regular Hot-Dip Galvanised (HDG) wires tend to experience alloy layer growth when exposed to higher temperatures. This alloy layer is the interface between the metallic coating and the steel wire. It generally contains the elements of the top coating combined with iron from the wire core. However, coatings of Atkore Marco's ZA range is immune to this phenomenon due to an inhibiting action of aluminium.



Zinc Aluminium

The Sustainable System



Zinc Aluminium

ZA

Coated to standard EN10346-2015 Zinc-Aluminium offers excellent coating resistance compared to traditional Zinc coatings. Zinc Aluminium typically offers a coating which is 95% Zn & 5% Al. Perfect for outdoor applications. *ZA available in Steel Wire Cable Tray only.



Eco-Friendly



Zinc is a natural element, essential to life and important across many industries. Atkore Marco's Zinc Aluminium Steel Wire Cable Tray is more sustainable and eco-friendly compared to the Hot-dip Galvanised products.

Zinc is a high performance alloy, and by adding Aluminium, it increases the longevity of the steel. As a result of this, the contribution of CO₂ emissions are reduced due to keeping steel in service for a longer duration of time.



Superior Corrosion Resistance



Atkore Marco's ZA Steel Wire Cable Tray resist corrosion in heavily polluting corrosion tests, outperforming regular Hot-Dip Galvanised products*

*Based on Salt Spray Testing

ZA Steel Wire Cable Tray

Steel Wire Cable Tray Systems



Atkore Marco is the largest UK manufacturer of Steel Wire Cable Tray.

Available in Zinc Aluminium, Electro-Zinc, Pre-Galvanised, Powder-Coated and Hot-Dip Galvanised finishes. Atkore 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, Steel Wire Cable Tray is adaptable and lightweight, enabling users to easily modify the tray on-site without compromising its strength or performance.

All Steel Wire Cable Tray is manufactured in our state-of-the-art, custom-built facility in the UK.

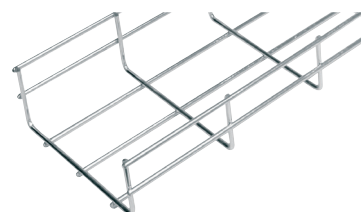
Did you know the entire Steel Wire Cable Tray range is available as downloadable BIM object files? See page 14 for more information.



Steel Wire Cable Tray

EZ HDG PC PG ZA

Made from direct drawn bright mild steel, and ideal for a variety of applications. 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.



Fast-Fix Accessories

PG EZ GT TB

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, 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.

For more information on Atkore Marco's Geomet fittings, check out the interactive digital catalogue [here](#).

Materials & Finishes

Steel Wire Cable Tray Systems

Atkore 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.

Zinc Aluminium Steel Wire Cable Tray

Atkore Marco's ZA Steel Wire Cable Tray is made from Zinc Aluminium, and uses a 100 x 50mm mesh grid. Zinc Aluminium Steel Wire Cable Tray is manufactured to BS10244-2.

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

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

Testing

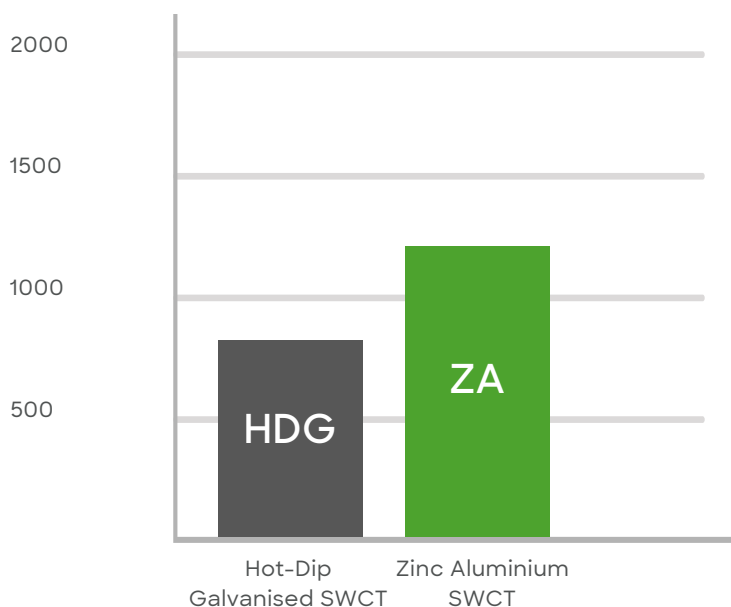
Independent Salt Spray testing shows that Atkore Marco's Zinc Aluminium Steel Wire Cable Tray lasts up to 30% longer compared to standard Hot dip galvanised Tray and up to 120% longer than Electro Zinc Tray.

During the Salt Spray test, ZA Steel Wire Cable Tray lasted over 1,100 hours without the appearance of red rust, whereas HDG Steel Wire Cable Tray lasted 850 hours.

Salt Spray conducted to BS-EN ISO 9227 & ASTM B117.



Salt Spray Test Results



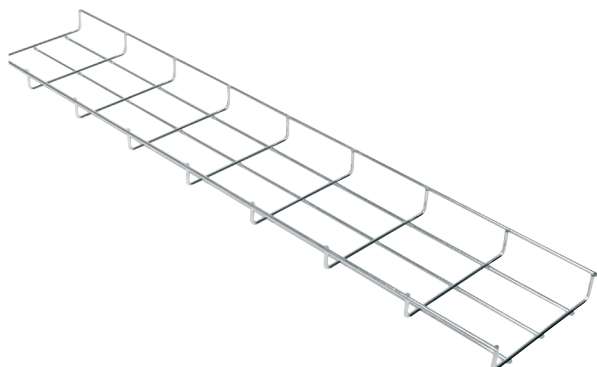
Product Overview

ZA Steel Wire Cable Tray

30mm, 55mm & 106mm

30mm Depth

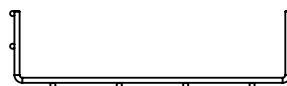
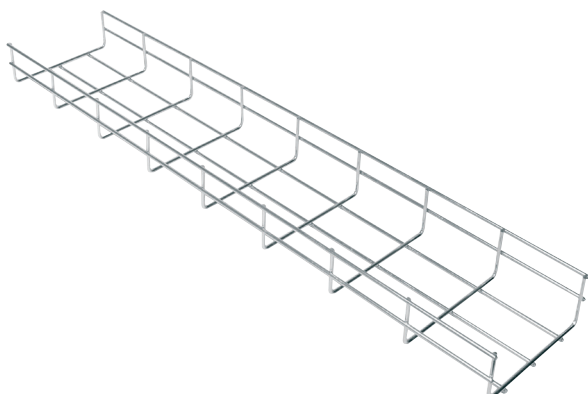
Steel Wire Cable Tray



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

55mm Depth

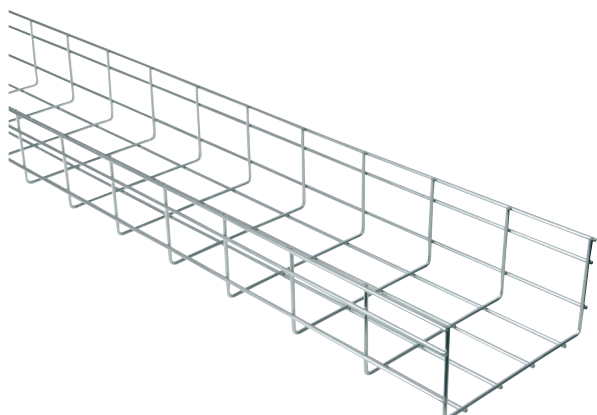
Steel Wire Cable Tray



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

106mm Depth

Steel Wire Cable Tray



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

Some sizes and finishes are made to order and minimum quantities apply.

Technical Data Sheet

MC30 Technical Information

MC30 - 30mm ZA Steel Wire Cable Tray

Product Code:

MC30 Range

Product Description:

30mm high steel wire cable tray 50 x 100 mm mesh configuration

Product Dimensions:

MC3050 - 30 x 50 mm
MC30100 - 30 x 100 mm
MC30150 - 30 x 150 mm
MC30200 - 30 x 200 mm
MC30300 - 30 x 300 mm
MC30400 - 30 x 400 mm
MC30450 - 30 x 450 mm
MC30500 - 30 x 500 mm

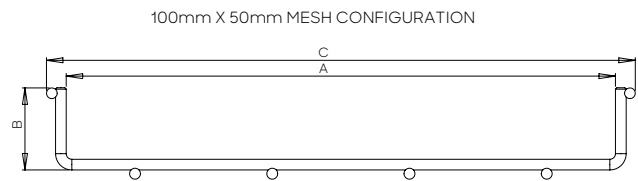
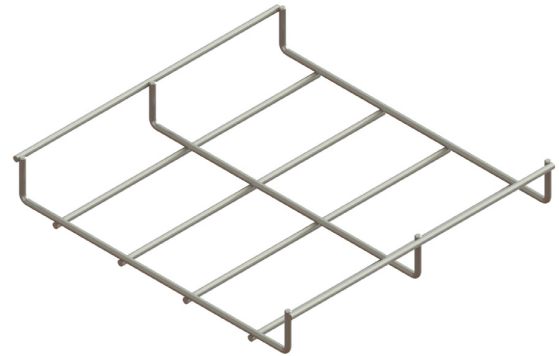
Standard 3 metres length

Applicable Standards:

BS EN 61537 (Cable tray systems)
BS EN ISO 10244 (Steel wire and wire products)

Product Specification:

Manufactured: Machine welded from steel wire rod



PART CODE	'A' DIMENSION	'B' DIMENSION	'C' DIMENSION
MC3050	50	30	64
MC30100	100	30	114
MC30150	150	30	164
MC30200	200	30	214
MC30300	300	30	316
MC30400	400	30	416
MC30450	450	30	466
MC30500	500	30	516

Cable capacities:

MC30			APPROX CABLE CAPACITY UNDER NEC 50% RULE		
CABLE TRAY	TOTAL FILL AREA (mm ²)	NEC 50% RULE: ALLOWABLE FILL AREA (mm ²)	CAT 5e 4-pr UTP (4.9mm diam)	CAT 6 4-pr UTP (6.5mm diam)	CAT 6a 4-pr UTP (8.9mm 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

Finishes:

ZA - Zinc Aluminium

MC55 - 55mm ZA Steel Wire Cable Tray

Product Code:

MC55 Range

Product Description:

55mm high steel wire cable tray 50 x 100 mm mesh configuration

Product Dimensions:

MC5550 - 55 x 50 mm
 MC55100 - 55 x 100 mm
 MC55150 - 55 x 150 mm
 MC55200 - 55 x 200 mm
 MC55300 - 55 x 300 mm
 MC55400 - 55 x 400 mm
 MC55450 - 55 x 450 mm
 MC55500 - 55 x 500 mm
 MC55600 - 55 X 600 mm

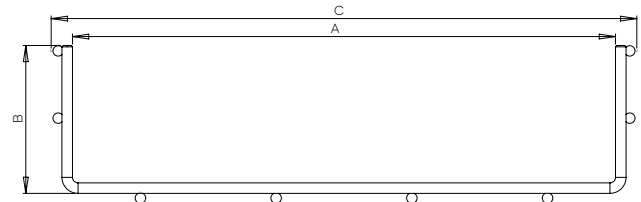
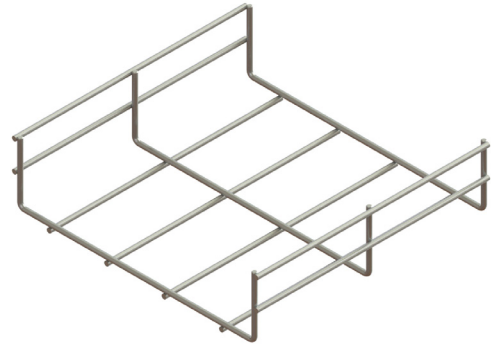
Standard 3 metres length

Applicable Standards:

BS EN 61537 (Cable tray systems)
 BS EN ISO 10244 (Steel wire and wire products)

Product Specification:

Manufactured: Machine welded from steel wire rod



PART CODE	'A' DIMENSION	'B' DIMENSION	'C' DIMENSION
MC5550	50	55	64
MC55100	100	55	114
MC55150	150	55	164
MC55200	200	55	214
MC55300	300	55	316
MC55400	400	55	418
MC55450	450	55	468
MC55500	500	55	518
MC55600	600	55	618

Cable capacities:

MC55			APPROX CABLE CAPACITY UNDER NEC 50% RULE		
CABLE TRAY	TOTAL FILL AREA (mm ²)	NEC 50% RULE: ALLOWABLE FILL AREA (mm ²)	CAT 5e 4-pr UTP (4.9mm diam)	CAT 6 4-pr UTP (6.5mm diam)	CAT 6a 4-pr UTP (8.9mm 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

Finishes:

ZA - Zinc Aluminium

Technical Data Sheet

MC106 Technical Information

MC106 - 106mm ZA Steel Wire Cable Tray

Product Code:

MC106 Range

Product Description:

106mm high steel wire cable tray 50 x 100 mm mesh configuration

Product Dimensions:

MC106100	-	106	x	100	mm
MC106150	-	106	x	150	mm
MC106200	-	106	x	200	mm
MC106300	-	106	x	300	mm
MC106400	-	106	x	400	mm
MC106450	-	106	x	450	mm
MC106500	-	106	x	500	mm
MC106600 - 106 x 600 mm					

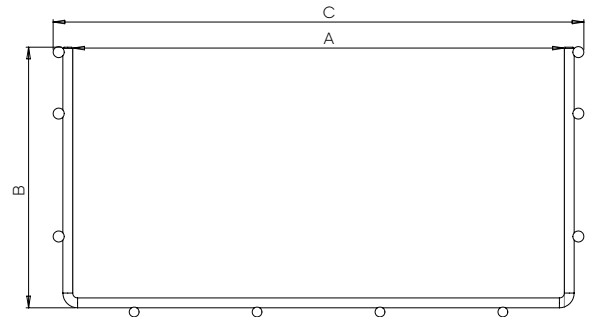
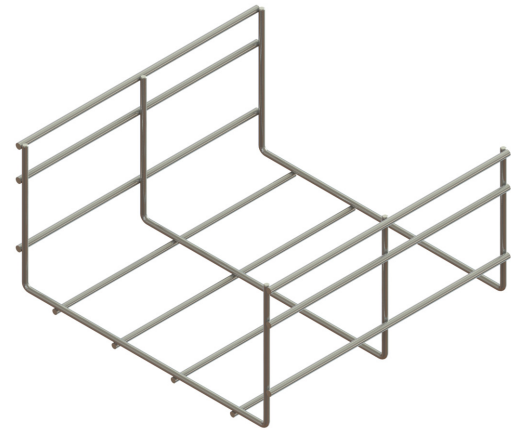
Standard 3 metres length

Applicable Standards:

BS EN 61537 (Cable tray systems)
BS EN ISO 10244 (Steel wire and wire products)

Product Specification:

Manufactured: Machine welded from steel wire rod



106MM RANGE

PART CODE	'A' DIMENSION	'B' DIMENSION	'C' DIMENSION
MC106100	100	106	114
MC106150	150	106	164
MC106200	200	106	214
MC106300	300	106	316
MC106400	400	106	418
MC106450	450	106	468
MC106500	500	106	518
MC106600	600	106	618

Cable capacities:

MC106			APPROX CABLE CAPACITY UNDER NEC 50% RULE		
CABLE TRAY	TOTAL FILL AREA (mm ²)	NEC 50% RULE: ALLOWABLE FILL AREA (mm ²)	CAT 5e 4-pr UTP (4.9mm diam)	CAT 6 4-pr UTP (6.5mm diam)	CAT 6a 4-pr UTP (8.9mm 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	25752	1366	776	414
MC106600	617800	30900	1639	931	497

Finishes:

ZA - Zinc Aluminium

Building Information Modeling

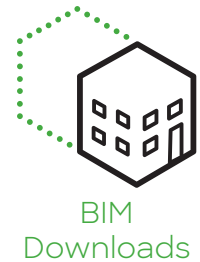
Atkore Marco is now able to offer its uPVC trunking and Steel Wire Cable Tray products as downloadable BIM object files.

Both the uPVC and Steel Wire Cable Tray are available in a single download, with all products included, 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, Atkore Unistrut & Marco are 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.

All BIM files are available from the Atkore Marco website!

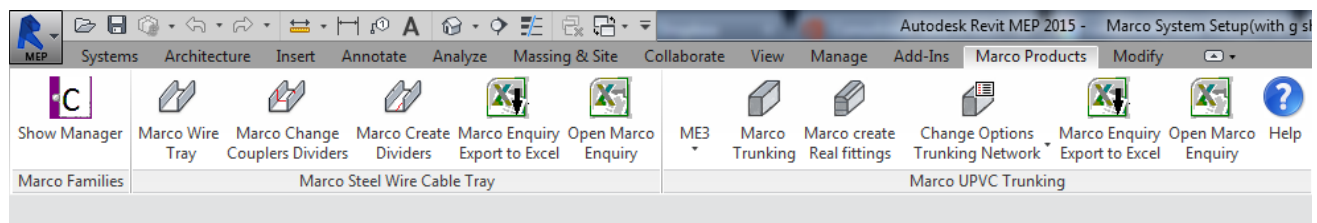


Industry-leading products, Industry-leading customer service.

Atkore Marco is committed to providing an unparalleled customer service, with dedicated account managers, always on hand to answer any queries or questions. Atkore Unistrut & Marco's sales team is fully trained in all 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 Atkore Marco products can be selected.



Autodesk REVIT

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

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 template, which open directly into Excel.

Project Specification

Full Project Support from Atkore Marco

Atkore Marco continues to consolidate the position as a top supplier of cable containment to a wide range of industries. Over the years the business has supplied its products to a number of jobs which has required strict specification guidelines to be met. Atkore 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.



Atkore Marco's Health & Safety Policy

At Atkore, we consider Quality, Occupational Health and Safety and the Environment to be vital components that contribute towards the company's success. In line with our Core Values, we embrace quality, occupational health, safety and environment performance standards with the highest regard, and we drive continuous improvement utilizing Atkore's Safety and Environment Management System and the Atkore Business System

Quality, Occupational health and Safety



Our goal is to ensure that employees, customers, contractors and visitors in our facilities go home safely at the end of each day. We empower everyone to proactively identify and eliminate risks to promote an injury-free and incident-free workplace.

Environment



Our goal is to minimize our impact on and protect the environments in which we live and work. We seek to utilize sustainable business practices that are in the best interest of the environment and all stakeholders.

Our mission is to provide our customers with product that meets specifications detailed in the sales literature, by the agreed delivery date and at a price that provides value to our customers whilst enabling us to meet our stated business objectives.

Our management system, that as a minimum, meets the requirements of BS EN ISO 9001:2015, as well as our production processes will be continually reviewed for improvement opportunities that will allow us to achieve best-in-class performance in all areas of our business.

We are committed to creating a shared, company-wide culture where all levels of the organization personally embrace our Quality, Occupational Health, Safety and Environmental Principles:

- ▲ We take personal responsibility for ourselves and others.
- ▲ We believe that all injuries and occupational illnesses are preventable.
- ▲ We value employee engagement in creating and adhering to safety processes and procedures.
- ▲ We promote social and environmental stewardship throughout our supply chain.
- ▲ We are committed to safeguarding climate and ecosystems through preventive practices, material efficiency and natural resources allocation.
- ▲ We seek to protect people and communities in which our facilities are located by minimizing waste and ensuring the safest handling, treatment and disposal.
- ▲ We comply with all applicable laws and regulations and any other requirements to which the company subscribes.

Atkore employees, customers, contractors and visitors are expected to adhere to our Safety and Environment policies, related practices and procedures. Supporting information is available on the Blueprint, Atkore's internal employee portal, or upon request from any site manager.

Please demonstrate your commitment, both personally and collectively, by respecting our Safety and Environment Principles. Your efforts can make the difference in the success of Atkore.

Conrad Rowlands – Site Manager

Wayne Pearson – Managing Director
Atkore Unistrut & Marco

Atkore Unistrut & Marco Product Catalogue



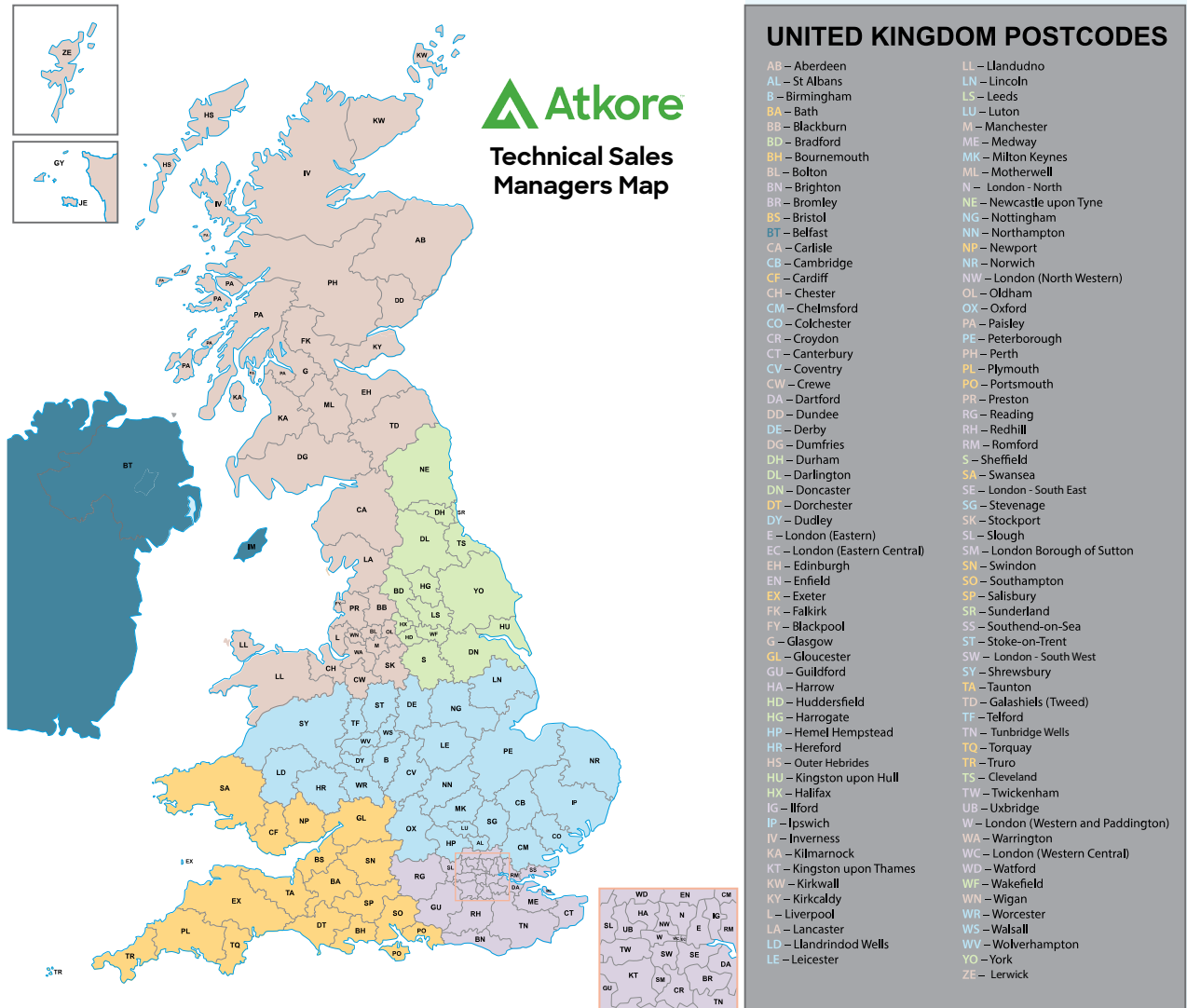
New Features:

- ▲ Combined Atkore Unistrut & Marco products
- ▲ Flytec trunking range by Atkore Unistrut
- ▲ New products - UGM10, C-Clamps & MC30 Quik-Click
- ▲ Atkore Sectors - Data Centres, Renewables, Education & Healthcare



Where to find us

Technical Sales Managers



 **Damian McKenna**
dmckenna@atkore.com
07500 805 584

 **Gareth Howes**
ghowes@atkore.com
07342 888 074

 **Pete Massey**
pmassey@atkore.com
07946 405 350

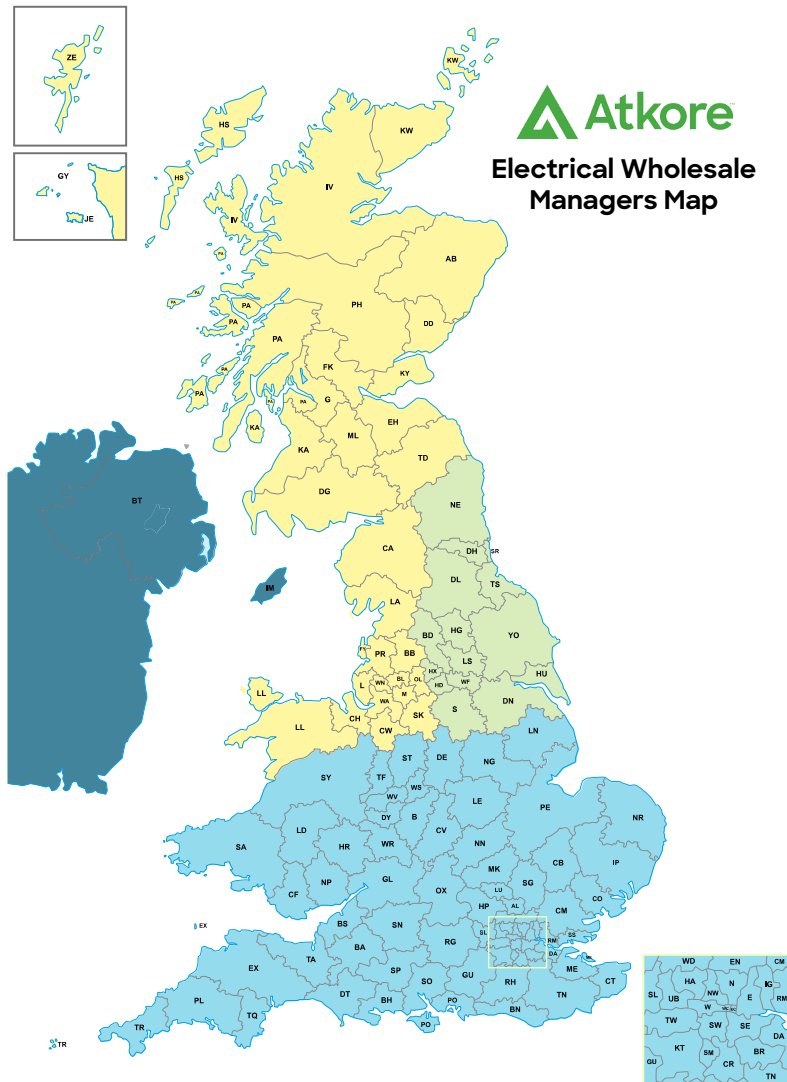
 **Sam Bannister**
sbannister@atkore.com
07867 338 726

 **Gary Greenway**
ggreenway@atkore.com
07789 848 924

 **Tony Da Silva**
adasilva@atkore.com
07771 806 648

Where to find us

Electrical Wholesale Managers



 Jon Amron
jamron@atkore.com
07833 493 077

 Pete Massey
pmassey@atkore.com
07946 405 350

 Anil Kumar Sarda
asarda@atkore.com
07581 296 103



Allied Tube & Conduit ▴ AFC Cable Systems ▴ Heritage Plastics ▴ Unistrut
Unistrut Construction ▴ Cope ▴ US Tray ▴ Calbrite ▴ Calbond ▴ Kaf-Tech
Power-Strut ▴ Calconduit ▴ Razor Ribbon ▴ Calpipe Security ▴ Vergokan ▴ Cii
Columbia-MBF ▴ Eastern Wire + Conduit ▴ ACS/Uni-Fab ▴ Sasco Strut ▴ Marco
FRE Composites ▴ Queen City Plastics ▴ Four Star Industries ▴ Flexicon

Atkore Unistrut & Marco
Delta Point,
Greets Green Road
West Bromwich
B70 9PL

PHONE/ +44 (0) 121 580 6300
FAX / +44 (0) 121 580 6370

atkore.com/marco
atkore.com/unistrut

