Cables

AMC
We simply connect



Product Catalogue

Cables

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AMC

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Trusted by our clients and distribution networks for over six decades, we manufacture cables and supply components of the very highest quality, to energise and power projects across the globe, from land to sea.

Our heritage and longevity in these markets, coupled with a team of highly skilled, knowledgeable and dedicated sector experts has afforded us an enviable reputation for service excellence, reliability and support – something we have never taken for granted, and strive daily to maintain.

And, whilst respecting our rich history and foundation, we refuse to stand still – innovating continually, and investing strategically in ways to improve operational efficiency; directly impacting customer expectations and satisfaction with our products and service.

We strive to make the ordering, purchasing and distribution of the world class products we manufacture and stock as easy and straightforward as it can be – with solutions and brands that our customers and distributors trust and value; delivered on time, and as expected – as standard.

We simply connect.

AMC CONNECT.

We want to make ordering from us as easy and pain-free as possible. So we've launched AMC Connect, our brand-new online portal designed to simplify and streamline the way you order cables and accessories.

AMC Connect puts the tools you need right at your fingertips, giving you the freedom to order what you need, when you need it, with ease and confidence.

Key Benefits of AMC Connect

- **24/7 Access:** Place orders anytime, anywhere, through a secure trade login that works around your schedule.
- **User-Friendly Design:** Navigate effortlessly with a clean, intuitive interface.
- **Quick Reordering:** View and reorder from your personalised order history in just a few clicks.
- **Custom Order Lists:** Save time by creating and managing lists of frequently ordered items.
- **Accurate Ordering:** Reduce errors with pre-loaded product details and multiple ordering options, including product search, browsing, and CSV uploads.
- **Transparent Pricing:** Enjoy clear and consistent pricing for every order.
- **Instant Quotes:** Get pricing details and build quotes without committing to an order, giving you flexibility and control.



Orders

+44 (0)1204 575 234
orders@amc-tcg.com

Contact

Phone: +44 (0)1204 575 234
Email: orders@amc-tcg.com
Sales: sales@amc-tcg.com
Marketing: marketing@amc-tcg.com



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End of Product Life

Safe Disposal of AMC Products

We hope and expect that your AMC product will give you many years of trouble-free service. Inevitably, a time will come for replacement and, as part of our commitment to protecting the environment, we would like to offer some advice about recycling the main components:

- Cable – for large quantities we recommend contacting a local licensed scrap metal dealer. Copper is valuable and the company will be able to separate it from the PVC insulation and recycle that too. For small quantities, visit your local recycling centre and recycle with other small electricals
- Accessories/components should be recycled with other electricals. For small quantities, visit your local recycling centre and recycle with other small electricals
- Please never dispose of our products with other 'general' or 'landfill' waste streams
- If you are not based in the UK, please ensure that you comply with applicable local and/or national legislation

Disposal of Product Packaging

- Cardboard boxes, pack-fill and reel flanges may be recycled with any other card/paper-based products
- Plastic film, pallet wrap, and bubble wrap can be recycled together with other 'non-rigid' plastics
- Plywood reels may be recycled with other waste timber
- The tin tubes that form the centre of smaller cable reels can be recycled with other scrap metal
- If you are not based in the UK, please ensure that you comply with applicable local and/or national legislation

UK MANUFACTURED

Packaging

Cardboard Reels

The majority of cables manufactured by AMC are supplied on cardboard reels. Where possible, we are working to protect the environment by reducing our carbon footprint the best we can. Once empty, the reel can be recycled.



Box Pack Cable

Volume users of single core cables have the option of this very popular form of packaging known as ‘Box Pack’. No expensive de-reeling equipment is required when using these boxes. Simply place the box where it is needed and start using the cable directly from the box, resulting in less downtime in production when compared to using reels. This option is available across AMC's Thin Wall and Tri-Rated cable ranges



- Long lengths up to 6,000 meters available, keeping production waste to a minimum
- Each half box weighs less than 25 kilos when full and can be despatched by parcel carrier
- Each standard box weighs less than 50 kilos and can be lifted safely by two people
- Half Box H260 x W390 x D390 mm
- Standard Box H500 x W390 x D390 mm

Bulk Purchasing Options

Bulk Drums

On heavier cables and longer lengths, plywood drums are available. These vary in size depending on the cable cross section and length. Bulk drums are popular with our high volume customers to reduce wastage on longer length applications.

Your requirements can be supplied on 600mm and 750mm drums. Please contact our Sales Team for more information.

In some instances, bulk shipments are subject to carriage costs; please see T&Cs for details.



Barrel Pack

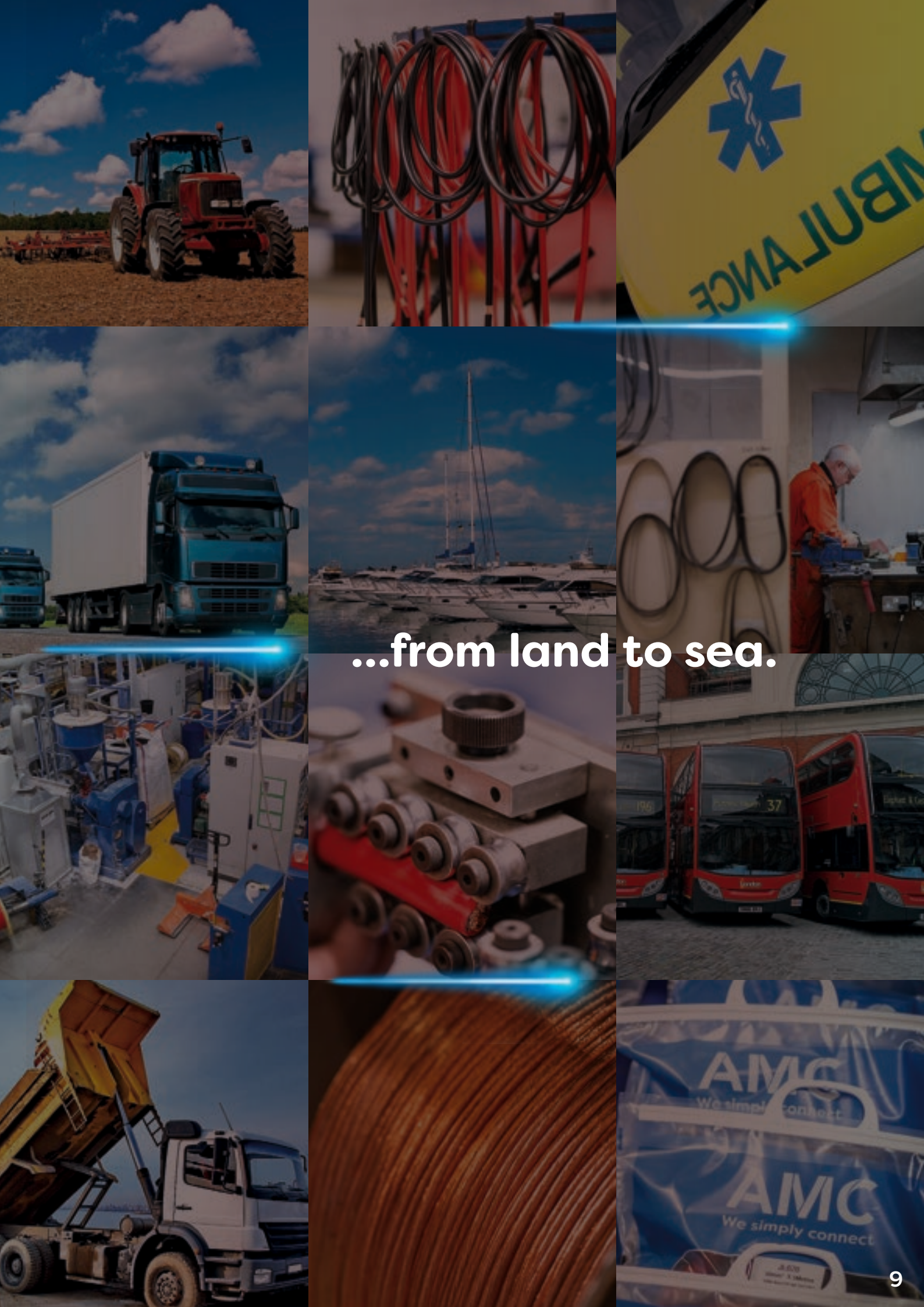
AMC provide high capacity fibre barrels. These barrels come with sealable plastic lids. Perfect for environments in which high volume manufacturing is a priority. The barrels can be purchased with the cable, or can be returned to AMC and refunded. This packaging is available on AMC's Thin Wall and Tri-Rated cable ranges.





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As well as our listed range, we also **make to order!**


Powering projects
across the globe...


...from land to sea.
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AMC AUTOMOTIVE

Powering Automotive Performance

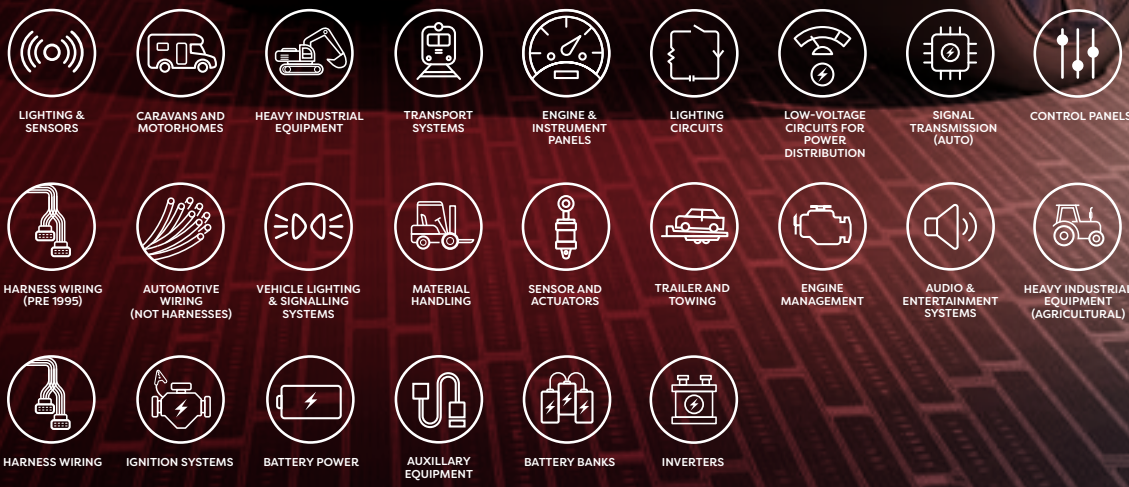
Durable cable solutions supporting vehicle power systems, battery connectivity and automotive electrical applications.

AMC manufactures a comprehensive range of extra low voltage (ELV) cables designed to meet the diverse and demanding requirements of the automotive industry. These cables are engineered for reliability, durability, and performance across a wide spectrum of vehicle applications.

AMC's Thin Wall and Classic cable ranges support a wide variety of automotive applications with precision and consistency. From wiring harnesses for lighting systems to advanced engine management, audio, and security systems, these versatile solutions are specifically designed to meet the performance and space requirements of most automotive electrical systems,

With over 60 years of industry experience, AMC has built a reputation for producing cables of the highest quality. The company remains committed to strict compliance and rigorous certification standards, ensuring that every cable meets or exceeds global expectations.

All AMC extra low voltage cables are compliant with and tested to ISO 6722 and ISO 19642 internationally recognized standards that define requirements for conductor size, insulation thickness, and testing methods for automotive cables. This ensures dependable performance, safety, and compatibility across modern automotive systems.



AMC AUTO-TW

With over 60 years of industry experience, AMC has built a reputation for producing cables of the highest quality. The company remains committed to strict compliance and rigorous certification standards, ensuring that every cable meets or exceeds global expectations.

AMC BATT-FLEX

Battery Flex standard cable is a high-conductivity, flexible copper cable designed specifically for automotive, marine, and industrial applications, such as battery connections, starter cables, and earth grounding. It consists of plain, stranded copper, insulated with durable PVC.

AMC BATT-FLEX PLUS

Extra flexible battery cable designed for tight automotive spaces typically uses thin, fine-stranded copper Class 5 to allow for easier routing and superior durability in high-vibration, high-temperature environments. These cables are specifically engineered for superior flexibility to make installation easier in restricted, hard-to-reach areas.

AMC AUTO-CLASSIC

Single or Multi core construction, available in solid or bi colour options with standard wall thickness. Good resistance to petrol, diesel, lubricating oils & diluted acids these cables are used to replace automotive wiring pre-1995. Manufactured to BS6862 Part 1 1971.

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Thin Wall Automotive Cables

High-Performance Single Core (ISO 6722) & Multi-Core (ISO 19642) Solutions

Overview

AMC Thin Wall Automotive Cables are designed for low-voltage electrical systems where reliability, space efficiency, and environmental resistance are critical. Suitable for automotive, marine, commercial vehicle, and specialist equipment applications, these cables combine robust electrical performance with reduced weight and improved flexibility.

- Single Core: Manufactured to ISO 6722-1:2011 (Class B)
- Multi-Core: Designed in accordance with ISO 19642-7:2019
- Engineered for high temperature, flame resistance, and chemical durability

Applications

- Automotive wiring systems (engine bays, dashboards, battery systems)
- Marine electrical installations
- Agricultural and construction equipment
- Commercial vehicles and transport systems
- Specialist vehicle and industrial low-voltage applications

Standards & Compliance

Parameter	Specification
Voltage rating	60V DC max
Operating temperature	-40°C to +105°C
Short-term temperature	Up to +120°C
Minimum bend radius	< 6 × overall diameter

Mechanical Properties

Property	Value
BS Softness	60–65
Shore A Hardness	64–66

Chemical Resistance

The PVC sheath provides excellent resistance to common automotive and marine fluids:

- Engine oil
- Engine coolant
- Salt water
- Windscreen washer fluid

Designed for long service life in engine bay and exposed environments.

Test Reports: 59834 / 59836 / 60587

Environmental Responsibility

AMC is committed to sustainable manufacturing and responsible product lifecycle management:

- Environmentally aware production processes
- Compliance with relevant environmental standards
- End-of-life disposal in accordance with WEEE regulations

Key Benefits

- Thin wall design for weight and space reduction
- High temperature and flame performance
- Strong chemical resistance
- Flexible and easy to install
- Compliant with ISO 6722 (single core) and ISO 19642 (multi-core)
- Suitable for demanding automotive and marine environments.

Thin Wall Low Voltage Cables

High temperature thin wall low voltage wiring cables suitable for use in the automotive, marine and allied industries. These cables are specified as standard by manufacturers throughout Europe due to their high performance characteristics.

This cable can be manufactured to special requirements, including special colours, any combination of bi-colour stripe, and combinations of multi-cores not usually available.

For example a client could specify a 5 core, with each core being a different mm^2 to suit a particular application. Ask our Sales Team for more details

Specifications

- Cores manufactured to ISO 6722-1:2011 (Class B) 105°C
- Plain copper conductors to BS EN 60228:2005, PVC insulated
- Single core suitable for use at temperatures from -40°C to 105°C with excursions up to 120°C
- Twins and Multi-Cores PVC sheathed at 70°C
- Suitable for 12v or 24v systems (Maximum voltage 60v)
- Reduced insulation gives considerable savings in weight and volume especially when used in large wiring harnesses
- Good resistance to petrol, diesel, lubricating oils and diluted acids
- PVC insulation offers good resistance to abrasion and cut through
- Visit our website or contact the Sales Team for a full list of available colours

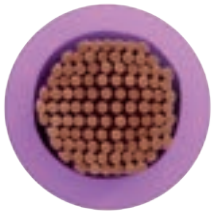
The conductor specifications shown are representative configurations; actual cable strand may differ slightly, but will meet resistance values shown. Nominal current amperage ratings are provided as a guide only, and can vary depending on application, conditions and environmental factors. If in doubt, please consult a qualified electrician.

Part No	Conductor Specification (mm)	Conductor Cross Section (mm^2)	Nominal Current Rating (Amps)	Half Box Pack Length (Metres)	Standard Box Pack Length (Metres)
TW.35	12/0.20	0.35	7.0	3000	6000
TW.5	16/0.20	0.5	11.0	2500	5000
TW.75	24/0.20	0.75	14.0	2500	5000
TW1.0	32/0.20	1.0	16.5	1750	3500
TW1.5	21/0.30	1.5	21.0	1250	2500
TW2.0	28/0.30	2.0	25.0	1000	2000
TW2.5	35/0.30	2.5	29.0	750	1500
TW3.0	44/0.30	3.0	33.0	625	1250
TW4.0	56/0.30	4.0	39.0	500	1000
TW4.5	65/0.30	4.5	42.0	400	800
TW6.0	84/0.30	6.0	50.0	300	600

Thin Wall Single Core Auto Cables

AMC AUTO-TW





Part No	Conductor Specification (mm)	Conductor Cross Section (mm²)	Maximum Overall Diameter (mm)	Nominal Current Rating (Amps)	Maximum Loading (Watts)		Maximum Resistance Per Metre at 20°C (Ohms)	Colour	Reel Sizes (Metres)
					12 Volts	24 Volts			
TW.35	12/0.20	0.35	1.40	7.0	84	168	0.0544	Single core cables are available in the following colours: (R) RED, (B) BLACK, (G) GREEN, (LG) LIGHT GREEN, (U) BLUE, (Y) YELLOW, (N) BROWN, (P) PURPLE, (K) PINK, (S) SLATE GREY, (W) WHITE, (O) ORANGE. Any combination of two of the above colours can be made available upon request	500
TW.5	16/0.20	0.5	1.60	11.0	132	264	0.0371		50, 100, 500
TW.75	24/0.20	0.75	1.75	14.0	168	336	0.0247		50, 100, 500
TW1.0	32/0.20	1.0	1.95	16.5	198	396	0.0185		30, 50, 100, 500
TW1.5	21/0.30	1.5	2.30	21.0	252	504	0.0127		50, 100, 500
TW2.0	28/0.30	2.0	2.55	25.0	300	600	0.00942		30, 50, 100, 500
TW2.5	35/0.30	2.5	2.75	29.0	348	696	0.00760		50, 100, 300
TW3.0	44/0.30	3.0	3.20	33.0	396	792	0.00615		30, 100, 300
TW4.0	56/0.30	4.0	3.50	39.0	468	936	0.00471		30, 100, 300
TW4.5	65/0.30	4.5	3.90	42.0	504	1008	0.00406		30, 100, 300
TW6.0	84/0.30	6.0	4.10	50.0	600	1200	0.00314		30, 100, 300
TW7.0	97/0.30	7.0	5.05	57.0	684	1368	0.00279		30, 100
TW8.5	120/0.30	8.5	5.50	63.0	756	1512	0.00220		30, 100
TW10.0	80/0.40	10.0	5.60	70.0	840	1680	0.00182		30, 100
TW16.0	126/0.40	16.0	7.30	110.0	1320	2640	0.00116		10, 30, 100
TW25.0	196/0.40	25.0	8.45	170.0	2040	4080	0.000743		10, 30, 100

Colour Abbreviations

- Black: B
- Blue: U
- Brown: N
- Green: G
- Grey: S
- Light Green: LG
- Orange: O
- Pink: K
- Purple: P
- Red: R
- White: W
- Yellow: Y



Don't forget, we manufacture our cables in the UK
As well as our listed range, we also **make to order!**

BULK DRUMS
AVAILABLE ACROSS ALL CABLE RANGES

Thin Wall Multi-Core Auto Cables

See **page 13** for specifications.

Please refer to single core for resistance values. The cores and sheaths can be produced in any colour (MOQs may apply).

AMC AUTO-TW

Thin Wall 2 Core Auto Cables (Flat Twins)



Part No	Conductor Specification (mm)	Conductor Cross Section (mm²)	Maximum Overall Dimensions (mm)	Nominal Current Rating (Amps)	Sheath Colour	Core Colours	Reel Sizes (Metres)
TW02/06	2 x 16/0.20	2 x 0.5	2.7 x 4.6	11.0	Black	Black, Red	30, 100
TW02/04	2 x 24/0.20	2 x 0.75	3.1 x 4.9	14.0	Black		30, 100
TW02/01	2 x 32/0.20	2 x 1.0	3.0 x 5.0	16.5	Black		30, 50, 100, 500
TW02/05	2 x 21/0.30	2 x 1.5	3.5 x 5.8	21.0	Black		30, 100
TW02/02	2 x 28/0.30	2 x 2.0	3.9 x 6.5	25.0	Black		30, 50, 100
TW02/07	2 x 35/0.30	2 x 2.5	3.9 x 6.7	29.0	Black		30, 100
TW02/08	2 x 44/0.30	2 x 3.0	4.3 x 7.5	33.0	Black		30, 100
TW02/09	2 x 65/0.30	2 x 4.5	5.6 x 9.4	42.0	Black		30, 100

AMC AUTO-TW

Thin Wall 2 Core Auto Cables (Round Twins)



Part No	Conductor Specification (mm)	Conductor Cross Section (mm²)	Maximum Overall Dimensions (mm)	Nominal Current Rating (Amps)	Sheath Colour	Core Colours	Reel Sizes (Metres)
TW02/21	2 x 16/0.20	2 x 0.5	5.2	11.0	Black	Black, Red	30, 100
TW02/22	2 x 24/0.20	2 x 0.75	5.3	14.0	Black		30, 100
TW02/03	2 x 32/0.20	2 x 1.0	5.0	16.5	Black		30, 100
TW02/25	2 x 21/0.30	2 x 1.5	6.4	21.0	Black		30, 100
TW02/24	2 x 28/0.30	2 x 2.0	6.8	25.0	Black		30, 100
TW02/26	2 x 35/0.30	2 x 2.5	6.7	29.0	Black		30, 100

AMC AUTO-TW

Thin Wall 3 Core Auto Cables



Part No	Conductor Specification (mm)	Conductor Cross Section (mm²)	Maximum Overall Diameter (mm)	Nominal Current Rating (Amps)	Sheath Colour	Core Colours	Reel Sizes (Metres)
TW03/03	3 x 24/0.20	3 x 0.75	5.7	14.0	Black	Black, Red, Green	30, 100
TW03/01	3 x 32/0.20	3 x 1.0	5.5	16.5	Black		30, 100
TW03/04	3 x 21/0.30	3 x 1.5	6.1	21.0	Black		30, 100
TW03/02	3 x 28/0.30	3 x 2.0	7.3	25.0	Black		30, 100

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Thin Wall Multi-Core Auto Cables

See **page 13** for specifications.

Please refer to single core for resistance values. The cores and sheaths can be produced in any colour (MOQs may apply).

AMC AUTO-TW

Thin Wall 4 Core Auto Cables



Part No	Conductor Specification (mm)	Conductor Cross Section (mm²)	Maximum Overall Diameter (mm)	Nominal Current Rating (Amps)	Sheath Colour	Core Colours	Reel Sizes (Metres)
TW04/02	4 x 24/0.20	4 x 0.75	5.9	14.0	Black	Brown, Green, Red, White	30, 100
TW04/01	4 x 32/0.20	4 x 1.0	5.8	16.5	Black		30, 100
TW04/03	4 x 21/0.30	4 x 1.5	7.6	21.0	Black		30, 100

AMC AUTO-TW

Thin Wall 5 Core Auto Cables



Part No	Conductor Specification (mm)	Conductor Cross Section (mm²)	Maximum Overall Diameter (mm)	Nominal Current Rating (Amps)	Sheath Colour	Core Colours	Reel Sizes (Metres)
TW05/02	5 x 24/0.20	5 x 0.75	6.3	14.0	Black	Brown, Green, Red, White, Yellow	30, 100
TW05/01	5 x 32/0.20	5 x 1.0	6.3	16.5	Black		30, 100
TW05/03	4 x 32/0.20 1 x 28/0.30	4 x 1.0 1 x 2.0	7.6	16.5 25.0	Black		30, 100

AMC AUTO-TW

Thin Wall 7 Core Auto Cables



Part No	Conductor Specification (mm)	Conductor Cross Section (mm²)	Maximum Overall Diameter (mm)	Nominal Current Rating (Amps)	Sheath Colour	Core Colours	Reel Sizes (Metres)
TW07/03	7 x 16/0.20	7 x 0.5	6.0	11.0	Black	Black, Red, Green, Yellow, Brown, White, Blue.	30, 100
TW07/01	7 x 24/0.20	7 x 0.75	6.8	14.0	Black		30, 100
TW07/04	7 x 32/0.20	7 x 1.0	7.4	16.5	Black		30, 100
TW07/02	6 x 32/0.20 1 x 28/0.30 (White)	6 x 1.0 1 x 2.0	8.3	16.5 25.0	Black		30, 100
TW07/07	6 x 21/0.30 1 x 35/0.30 (White)	6 x 1.5 1 x 2.5	10.1	21.0 29.0	Grey		30, 100

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Thin Wall Multi-Core Auto Cables

See **page 13** for specifications.

Please refer to single core for resistance values. The cores and sheaths can be produced in any colour (MOQs may apply).

AMC AUTO-TW

Thin Wall 8 Core Auto Cables



Part No	Conductor Specification (mm)	Conductor Cross Section (mm²)	Maximum Overall Diameter (mm)	Nominal Current Rating (Amps)	Sheath Colour	Core Colours	Reel Sizes (Metres)
TW08/01	7 x 32/0.20 1 x 28/0.30	7 x 1.0 1 x 2.0 (White)	8.80	16.5 25.0	Black	Black, Red, Blue, Yellow, Purple, Brown, White, Green	50, 100

AMC AUTO-TW

Thin Wall 10 Core Auto Cables



Part No	Conductor Specification (mm)	Conductor Cross Section (mm²)	Maximum Overall Diameter (mm)	Nominal Current Rating (Amps)	Sheath Colour	Core Colours	Reel Sizes (Metres)
TW10/01	9 x 32/0.20 1 x 28/0.30	9 x 1.0 1 x 2.0 (White)	10.9	16.5 25.0	Black	Black, Red, Green, Grey, Blue, Yellow, Brown, Orange, Purple, White	50, 100

Thin Wall Multi-Core Auto Cables

See **page 13** for specifications.

Please refer to single core for resistance values. The cores and sheaths can be produced in any colour (MOQs may apply).

AMC AUTO-TW

Thin Wall 12 Core Auto Cables





Part No	Conductor Specification (mm)	Conductor Cross Section (mm^2)	Maximum Overall Diameter (mm)	Nominal Current Rating (Amps)	Sheath Colour	Core Colours	Reel Sizes (Metres)
TW12/01	8 x 32/0.20 4 x 16/0.20	8 x 1mm 4 x 0.5mm	10.2	16.5 11.0	Black	Red, Black, Black/Grey, Black/Yellow, Grey, White/Red, White/Blue, White/Black, Purple, White, White/Purple, Yellow	30, 100, 500

AMC AUTO-TW

Thin Wall 13 Core Auto Cables





Part No	Conductor Specification (mm)	Conductor Cross Section (mm^2)	Maximum Overall Diameter (mm)	Nominal Current Rating (Amps)	Sheath Colour	Core Colours	Reel Sizes (Metres)
TW13/01	12 x 21/0.30 1 x 35/0.30	12 x 1.5 1 x 2.5 (White)	12.3	21.0 29.0	Black	Yellow, Blue, Green, Brown, Red/Black, Black, Red, Pink, Purple, Grey, White, Light Brown, Orange	50
TW13/02	8 x 30/0.25 5 x 50/0.25	8 x 1.5 5 x 2.5†	13.2	21.0 29.0	Black	Yellow, Blue, Green, Brown, White†, Black, Red, Pink, Orange†, Grey†, White/Black†, White/Blue, White/Red†	10, 30, 50

† *These colours only available on TW13/02 cable that has a 2.5mm^2 cross section.*

Battery Cables

Please refer to single core for resistance values.

AMC BATT-FLEX

PVC Flexible Battery / Starter Cables



Single insulated battery / starter cables.
Plain copper conductors, PVC insulated -30°C to 70°C.

Part No	Conductor Specification (mm)	Conductor Cross Section (mm^2)	Maximum Overall Diameter (mm)	Nominal Current Rating (Amps)	Resistance Per Metre at 20°C (Ohms)	Sheath Colour	Reel Sizes (Metres)
934	196/0.40	25	9.7	170.0	0.0008	Black, Red	10, 30, 100
935	315/0.40	40	12.2	300.0	0.0005	Black, Red	10, 30, 50
936	392/0.40	50	13.3	345.0	0.0004	Black, Red	10, 30, 50
937	475/0.40	60	14.6	415.0	0.0003	Black, Red	10, 30, 50

AMC BATT-FLEX PLUS

PVC Battery / Extra Flexible Cables



Single insulated extra flexible battery cables designed for use in tough working environments.
Plain copper conductors, PVC insulated -30°C to 70°C.

Part No	Conductor Specification (mm)	Conductor Cross Section (mm^2)	Maximum Overall Diameter (mm)	Nominal Current Rating (Amps)	Max Resistance Per Metre at 20°C mΩ/m	Sheath Colour	Reel Sizes (Metres)
PVC16	203/0.3	16	8.25	110	1.210	Black, Red	10, 30, 100
PVC20	266/0.3	20	8.95	135	0.920	Black, Red	10, 30, 100
PVC25	322/0.3	25	10.05	170	0.780	Black, Red	10, 30, 100
PVC35	455/0.3	35	11.75	240	0.554	Black, Red	10, 30, 100
PVC40	539/0.3	40	12.7	300	0.527	Black, Red	10, 30, 50
PVC50	637/0.3	50	13.3	345	0.386	Black, Red	10, 30, 50
PVC60	805/0.3	60	14.95	415	0.330	Black, Red	10, 30, 50
PVC70	912/0.3	70	15.45	485	0.272	Black, Red	10, 30, 50
PVC95	684/0.4	95	17.9	500	0.206	Black, Red	10, 50
PVC120	893/0.4	120	19.7	600	0.161	Black, Red	10, 50
PVC150	1184/0.4	150	22.35	700	0.129	Black, Red	10, 50

The cable has been tested according to ISO 6722-1:2011 under class A (-40°C to +85°C) for mechanical, electrical, thermal, and environmental performance, as well as for flame retardancy under IEC 60332-1-2 (NB: the conductor is not part of this declaration). The conductor has been separately tested to BS EN 60228:2005 to confirm dimensional checks and resistance values (maximum resistance is shown in the table above). The conductor specifications shown are representative configurations; actual cable strand may differ slightly but will meet the resistance values shown. Nominal current amperage ratings are provided as a guide only and can vary depending on the application, conditions, and environmental factors – if in doubt, please consult a qualified electrician.

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BULK DRUMS
AVAILABLE ACROSS ALL CABLE RANGES

PVC Single Core Auto Cables

AMC AUTO-CLASSIC

PVC Single Core Auto Cables



Part No	Conductor Specification (mm)	Conductor Cross Section (mm²)	Maximum Overall Diameter (mm)	Nominal Current Rating (Amps)	Maximum Loading (Watts)		Maximum Resistance Per Metre at 20°C (Ohms)	Reel Sizes (Metres)
					12 Volts	24 Volts		
1598	9/0.30	0.65	2.5	5.75	69	138	0.0294	50
1600	14/0.30	1.0	2.7	8.75	105	210	0.0189	50
1603	28/0.30	2.0	3.4	17.5	210	420	0.0094	50
1605	44/0.30	3.0	4.2	27.5	330	660	0.006	50
1606	65/0.30	4.5	5.1	35.0	420	840	0.0041	30

PVC Multi-Core Auto Cables

Sheathed 70°C. Please refer to single core for resistance values.
The cores and sheaths can be produced in any colour (MOQs may apply).

AMC AUTO-CLASSIC

PVC 2 Core Auto Cables (Flat Twins)



Part No	Conductor Specification (mm)	Conductor Cross Section (mm²)	Maximum Overall Dimensions (mm)	Nominal Current Rating (Amps)	Sheath Colour	Core Colours	Reel Sizes (Metres)
1649	2 x 9/0.30	2 x 0.65	6.00 x 3.55	5.75	Black	Black, Red	30, 100
1650	2 x 14/0.30	2 x 1.0	6.50 x 3.85	8.75	Black		30, 100
1652	2 x 28/0.30	2 x 2.0	7.55 x 4.35	17.5	Black		30, 100

AMC AUTO-CLASSIC

PVC 3 Core Auto Cables



Part No	Conductor Specification (mm)	Conductor Cross Section (mm²)	Maximum Overall Diameter (mm)	Nominal Current Rating (Amps)	Sheath Colour	Core Colours	Reel Sizes (Metres)
948	3 x 14/0.30	3 x 1.0	7.5	8.75	Black	Black, Green, Red	30, 100

Don't forget, we manufacture our cables in the UK
As well as our listed range, we also **make to order!**

BULK DRUMS
AVAILABLE ACROSS
ALL CABLE RANGES

PVC Multi-Core Auto Cables

The cores and sheaths can be produced in any colour (MOQs may apply).

AMC AUTO-CLASSIC

PVC 4 Core Auto Cables



Part No	Conductor Specification (mm)	Conductor Cross Section (mm^2)	Maximum Overall Diameter (mm)	Nominal Current Rating (Amps)	Sheath Colour	Core Colours	Reel Sizes (Metres)
960	4 x 14/0.30	4 x 1.0	8.0	8.75	Black	Brown, Green, Red, White	30, 100

AMC AUTO-CLASSIC

PVC 5 Core Auto Cables



Part No	Conductor Specification (mm)	Conductor Cross Section (mm^2)	Maximum Overall Diameter (mm)	Nominal Current Rating (Amps)	Sheath Colour	Core Colours	Reel Sizes (Metres)
951	5 x 9/0.30	5 x 0.65	8.3	5.75	Black	Brown, Green, Red, White, Yellow	30, 100
998	5 x 14/0.30	5 x 1.0	8.9	8.75	Black		30, 100

AMC AUTO-CLASSIC

PVC 7 Core Auto Cables



Part No	Conductor Specification (mm)	Conductor Cross Section (mm^2)	Maximum Overall Diameter (mm)	Nominal Current Rating (Amps)	Sheath Colour	Core Colours	Reel Sizes (Metres)
953	7 x 16/0.20	7 x 0.5	8.4	4.25	Black	Black, Red, Green, Yellow, Brown, White, Blue	30, 100
952	7 x 9/0.30	7 x 0.65	8.9	5.75	Black		30, 100
999	6 x 14/0.30 1 x 28/0.30 (White)	6 x 1.0 1 x 2.0	10.2	6 x 8.75 1 x 17.5	Black		30, 100

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As well as our listed range, we also **make to order!**

BULK DRUMS
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ALL CABLE RANGES

AMC
We simply connect

AMC
MARINE

Marine Cables

Tinned Copper Cables

High temperature thin wall low voltage wiring cables suitable for use in marine and other harsh environments. The tinned copper conductors make this cable more resistant to corrosion.

Specifications

- Cores manufactured to ISO 6722-1:2011 (class B) 105°C
- Tinned Copper Conductors, PVC insulated
- Suitable for use at temperatures from -40ºC to 105ºC with excursions up to 120ºC
- Twins and Multi-Core PVC sheathed at 70ºC
- Suitable for 12v and 24v systems (maximum 60v)
- Good resistance to petrol, diesel, lubricating oils and diluted acid
- Very good resistance to moisture
- PVC insulation saves weight and offers good resistance to abrasion and cut through
- Cables are printed with the specification on the insulation
- Visit our website or contact the Sales Team for a full list of available colours

The conductor specifications shown are representative configurations; actual cable strand may differ slightly, but will meet resistance values shown. Nominal current amperage ratings are provided as a guide only, and can vary depending on application, conditions and environmental factors. If in doubt, please consult a qualified electrician.



AMC ARCTIC-T

Arctic-T cables are specialised power solutions engineered to maintain exceptional flexibility and reliability in extreme temperatures as low as -40°C. Manufactured to BS6004 standards, they feature corrosion-resistant tinned copper conductors and a rugged outer jacket designed to withstand UV rays, moisture, and saltwater. These durable characteristics make them an ideal choice for high-stress environments such as marine installations, construction sites, and cold-storage facilities. Easy installation and routing even in the harshest sub-zero weather conditions, Arctic-T provides a dependable power link where mechanical resilience and long-term performance are critical for industrial and mobile units.

AMC OCEANFLEX

OceanFlex Tinned Copper cables are high-quality, thin-wall wiring solutions specifically engineered to withstand the corrosive demands of marine and industrial environments. Featuring tinned copper conductors and specialised PVC insulation, these cables offer superior resistance to moisture, petrol, oils, and acids while remaining operational between -30°C and 70°C (multi-cores) and -40°C and 105°C (single cores). Their extra-flexible design allows for easy routing in tough working conditions, with options for bespoke lengths and branding to meet specific technical needs. A durable and customisable power link for any harsh, low-voltage application.

AMC OCEANFLEX-BATT

OceanFlex Battery cable is a high-performance, marine-grade cable featuring tinned copper conductors specifically designed to withstand harsh, corrosive environments. It is characterized by high flexibility, a wide temperature range, and excellent resistance to chemicals and moisture ideal for both low-voltage (12v/24v) DC electrical system. Used mainly across marine applications where salt water and moisture cause rapid corrosion of copper, suitable for linking battery banks and high-current battery connections within boat engine rooms it can also be used for starter motors, bow thrusters, winches, and windlasses.

AMC OCEANFLEX-YAC

OceanFlex YAC is a tinned copper marine-grade battery cable designed to meet the requirements of ISO 13297, the international standard governing the design, construction, and installation of extra-low-voltage direct current (DC) and single-phase alternating current (AC) electrical systems on small craft. ISO 13297 requires that DC negative terminal conductors be yellow when an AC system is installed aboard, in order to prevent confusion with the black neutral conductor used in AC circuits Where no AC system is present, the standard permits black for DC negative. This colour distinction is a deliberate safety measure: by reserving black for the AC neutral conductor and mandating yellow for the DC negative in mixed-system vessels, ISO 13297 reduces the risk of maintenance personnel misidentifying conductors, which could otherwise lead to short circuits, equipment damage, or electric shock.

AMC CORRONEX

Corronex LR cables are high-performance marine power solutions engineered with tinned copper conductors and EPR insulation to withstand harsh saltwater and chemical exposure. Manufactured in the UK and Lloyd's Register-approved, these cables operate reliably across an impressive temperature range from -40°C to +90°C. Their halogen-free, flame-retardant construction prioritises safety by reducing toxic emissions and smoke during fire emergencies on board vessels. Designed for mechanical durability, they are ideal for critical power, navigation, and communication circuits in demanding environments. Available in various sizes.

Single Core Cables

AMC OCEANFLEX

Thin Wall Tinned Copper Single Core Cables



Part No	Conductor Specification (mm)	Conductor Cross Section (mm^2)	Maximum Overall Diameter (mm)	Nominal Current Rating (Amps)	Maximum Loading (Watts)		Maximum Resistance Per Metre at 20°C (Ohms)	Colour	Reel Sizes (Metres)
					12 Volts	24 Volts			
CM1.0	32/0.20	1.0	2.1	16.5	198	396	0.0191	Single core cables are available in the following colours: (R) RED, (B) BLACK, (G) GREEN, (LG) LIGHT GREEN, (U) BLUE, (Y) YELLOW, (N) BROWN, (P) PURPLE, (K) PINK, (S) SLATE GREY, (W) WHITE, (O) ORANGE. Any combination of two of the above colours can be made available upon request	Made to Order
CM1.5	21/0.30	1.5	2.4	21.0	252	504	0.0130		50, 100, 500
CM2.5	35/0.30	2.5	3.0	29.0	348	696	0.00782		50, 100, 500
CM4.0	56/0.30	4.0	3.7	39.0	468	936	0.00485		30, 100, 500
CM6.0	84/0.30	6.0	4.3	50.0	600	1200	0.00323		30, 100, 500
CM10.0	80/0.40	10.0	6.0	70.0	840	1680	0.00185		30, 100

Multi-Core Cables

Please refer to single core for resistance values. The cores and sheaths can be produced in any colour (MOQs may apply).

AMC OCEANFLEX

Thin Wall Tinned Copper 2 Core Cables (Flat Twins)



Part No.	Conductor Specification (mm)	Conductor Cross Section (mm^2)	Maximum Overall Diameter (mm)	Nominal Current Rating (Amps)	Sheath Colours	Core Colours	Reel Sizes (Metres)
CM02/01	2 x 32/0.20	2 x 1	2.9 x 4.9	16.5	Black	Black, Red	30, 100
CM02/05	2 x 21/0.30	2 x 1.5	3.5 x 5.8	21.0	Black,White		30, 100
CM02/07	2 x 35/0.30	2 x 2.5	3.9 x 6.7	29.0	Black		30, 100

Don't forget, we manufacture our cables in the UK
As well as our listed range, we also **make to order!**

BULK DRUMS
AVAILABLE ACROSS ALL CABLE RANGES

Multi-Core Cables

The cores and sheaths can be produced in any colour (MOQs may apply).

AMC OCEANFLEX

Thin Wall Tinned Copper 2 Core Cables (Round Twins)



Part No.	Conductor Specification (mm)	Conductor Cross Section (mm^2)	Maximum Overall Diameter (mm)	Nominal Current Rating (Amps)	Sheath Colour	Core Colours	Reel Sizes (Metres)
CM02/03	2 x 32/0.20	2 x 1	4.9	16.5	Black	Black, Red	30, 100
CM02/25	2 x 21/0.30	2 x 1.5	6.4	21.0	Black		30, 100
CM02/26	2 x 35/0.30	2 x 2.5	6.7	29.0	Black		30, 100
CM02/11	2 x 84/0.30	2 x 6	9.2	50	Black		30, 100

AMC OCEANFLEX

Thin Wall Tinned Copper 3 Core Cables



Part No.	Conductor Specification (mm)	Conductor Cross Section (mm^2)	Maximum Overall Diameter (mm)	Nominal Current Rating (Amps)	Sheath Colours	Core Colours	Reel Sizes (Metres)
CM03/01	3 x 32/0.20	3 x 1	5.4	16.5	Black	Black, Green, Red	30, 100
CM03/04	3 x 21/0.30	3 x 1.5	6.1	21.0	Black, White		30, 100
CM03/05	3 x 35/0.30	3 x 2.5	7.4	29.0	Black		30, 100
CM03/06Y	3 x 56/0.30	3 x 4	12.2	39.0	Yellow		30, 100
CM03/07Y	3 x 84/0.30	3 x 6	9.65	50.0	Yellow		30, 100

AMC OCEANFLEX

Thin Wall Tinned Copper 5 Core Cables



Part No.	Conductor Specification (mm)	Conductor Cross Section (mm^2)	Maximum Overall Diameter (mm)	Nominal Current Rating (Amps)	Sheath Colour	Core Colours	Reel Sizes (Metres)
CM05/04	5 x 21/0.30	5 x 1.5	8	21.0	Black	Brown, Green, Red, White, Yellow	30, 100
CM05/05	5 x 35/0.30	5 x 2.5	9.4	29.0	Black		30, 100

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As well as our listed range, we also **make to order!**

BULK DRUMS
AVAILABLE ACROSS ALL CABLE RANGES

Multi-Core Cables

The cores and sheaths can be produced in any colour (MOQs may apply).

AMC OCEANFLEX

Thin Wall Tinned Copper 7 Core Cables



Part No.	Conductor Specification (mm)	Conductor Cross Section (mm^2)	Maximum Overall Diameter (mm)	Nominal Current Rating (Amps)	Sheath Colour	Core Colours	Reel Sizes (Metres)
CM07/05	7 x 21/0.30	7 x 1.5	8.5	21.0	Black	Black, Red, Green, Yellow, Brown, White, Blue	30, 100
CM07/06	7 x 35/0.30	7 x 2.5	10.7	29.0	Black		30, 100

AMC OCEANFLEX

Thin Wall 8 Core OceanFlex Cable



Part No	Conductor Specification (mm)	Conductor Cross Section (mm^2)	Maximum Overall Diameter (mm)	Nominal Current Rating (Amps)	Sheath Colour	Core Colours	Reel Sizes (Metres)
CM08/01	7 x 32/0.20 1 x 28/0.30	7 x 1.0 1 x 2.0 (White)	8.80	16.5 25.0	Black	Black, Red, Blue, Yellow, Purple, Brown, White, Green	50, 100

AMC OCEANFLEX

Thin Wall 10 Core OceanFlex Cable



Part No	Conductor Specification (mm)	Conductor Cross Section (mm^2)	Maximum Overall Diameter (mm)	Nominal Current Rating (Amps)	Sheath Colour	Core Colours	Reel Sizes (Metres)
CM10/01	9 x 32/0.20 1 x 28/0.30	9 x 1.0 1 x 2.0 (White)	10.9	16.5 25.0	Black	Black, Red, Green, Grey, Blue, Yellow, Brown, Orange, Purple, White	50, 100

AMC OCEANFLEX

Thin Wall 13 Core OceanFlex Cable



Part No	Conductor Specification (mm)	Conductor Cross Section (mm^2)	Maximum Overall Diameter (mm)	Nominal Current Rating (Amps)	Sheath Colour	Core Colours	Reel Sizes (Metres)
CM13/01	12 x 21/0.30 1 x 35/0.30	12 x 1.5 1 x 2.5 (White)	12.3	21.0 29.0	Black	Yellow, Blue, Green, Brown, Red/Black, Black, Red, Pink, Purple, Grey, White, Light Brown, Orange	50



AMC OCEANFLEX-YAC

Product Features

Did you know?

According to international standard ISO 13297; Small Craft Electrical Systems, any DC electrical installation can use black or yellow to signify negative. However, installers MUST use yellow as the negative, if an AC system is in the same craft. This is to clearly distinguish to engineers and maintenance personnel between the AC and DC circuits.

PVC Cables

AMC OCEANFLEX-BATT

Tinned Copper PVC Battery / Extra Flexible Cables



Single insulated extra flexible battery cables designed for use in tough working environments.

Resistant to petrol, lubricating oils and diluted acids.

PVC insulated -30°C to 70°C.

Part No.	Conductor Specification (mm)	Conductor Cross Section (mm²)	Maximum Overall Diameter (mm)	Nominal Current Rating (Amps)	Maximum Resistance Per Metre at 20°c (Ohms)	Sheath Colours	Reel Sizes (Metres)
CM16	203/0.30	16	8.3	110	0.001240	Black, Red	10, 50
CM25	322/0.30	25	10.1	170	0.000794		10, 50
CM35	455/0.30	35	11.8	240	0.000565		10, 50
CM50	637/0.30	50	13.3	345	0.000393		10, 50
CM70	912/0.30	70	15.5	485	0.000277		10, 30, 50
CM95	684/0.40	95	17.9	500	0.000210		10, 30, 50
CM120	888/0.40	120	19.6	600	0.00011		30, 100

AMC OCEANFLEX-YAC

PVC ISO 13297 Battery Cable



Tinned copper marine-grade battery cable designed to meet the requirements of ISO 13297, the international standard governing the design, construction, and installation of extra-low-voltage direct current (DC) and single-phase alternating current (AC) electrical systems on small craft.

PVC insulated -15°C to 70°C.

Part No.	Conductor Specification (mm)	Conductor Cross Section (mm²)	Minimum Overall Diameter (mm)	Max Resistance (mΩ/m)	Voltage Rating (DC)	Sheath Colours	Reel Sizes (Metres)
CM16Y	203/0.3	16	7.90	1.210	300v DC	Yellow	10, 50
CM25Y	322/0.3	25	9.50	0.727			10, 50
CM35Y	455/0.3	35	11.30	0.524			10, 50
CM50Y	637/0.3	50	12.30	0.386			10, 50
CM70Y	912/0.3	70	14.80	0.272			10, 30, 50
CM95Y	684/0.3	95	16.50	0.206			10, 30, 50

The conductor specifications shown are representative configurations; actual cable strand may differ slightly, but will meet resistance values shown.

Nominal current amperage ratings are provided as a guide only, and can vary depending on application, conditions and environmental factors. If in doubt, please consult a qualified electrician.



AMC ARCTIC-T

Arctic-T

Low-Temperature Cables for
Extreme Environments



Features

Tinned copper conductors provide excellent corrosion resistance in wet and salt-laden environments.

Low-temperature PVC insulation maintains flexibility and reliability at minus 40°C.

Durable outer jacket withstands water, UV exposure and mechanical impact.

Suitable for both indoor and outdoor installation in harsh cold-weather conditions.

Flexible construction supports easy handling and routing in confined or awkward spaces.

Designed to deliver stable performance across mobile, industrial and marine equipment.

Benefits

Reliable performance in sub-zero conditions prevents cracking and cable failure.

Corrosion-resistant tinned copper supports long-term use in humid and marine environments.

Flexible handling simplifies installation in cold and restricted spaces.

Durable construction withstands water, UV and mechanical wear.

Suitable for diverse applications across industrial, marine and mobile systems.

Part No.	Conductor Specification (mm)	Conductor Cross Section (mm^2)	Maximum Overall Diameter (mm)	Nominal Current Rating (Amps)	Maximum Resistance Per Metre at 20°C (Ohms)	Sheath Colours	Core Colours	Reel Sizes (Metres)
AT03/02	32/0.20	1	6.8	16.5	0.0191	Blue, Yellow	Blue, Brown, Green/Yellow	30, 50, 100, 500
AT03/03	21/0.30	1.5	8.1	21	0.0130			
AT03/04	35/0.30	2.5	10	29	0.00782			
AT03/05	56/0.30	4	11.3	39	0.00485			
AT03/06	84/0.30	6	12.7	50	0.00323			



AMC CORRONEX

Corronex

Lloyd's Register-approved Cables for Maritime Excellence



Features

EPR insulation and HFFR sheath provide reliable protection in demanding marine operating conditions.

Tinned Class 5 copper conductors deliver strong corrosion resistance in saltwater environments.

Flame-retardant materials reduce fire spread and support safer performance in confined spaces.

Halogen-free construction limits toxic gas release and enhances occupant and equipment safety.

Strong resistance to oil, diesel and diluted acids ensures dependable service life in harsh areas.

Flexible construction supports efficient installation within restricted spaces and complex cable routes.

Benefits

Low-smoke, halogen-free properties reduce hazards to crew and equipment during fire conditions.

Stable electrical performance supports reliable operation of essential power and control circuits.

Tinned copper conductors extend service life in corrosive marine environments.

Fully compliant with Lloyd's Register standards for approved vessel installations.

Halogen-free materials limit environmental impact and improve safety in enclosed spaces.

UV-resistant outer sheath supports long-term durability in exposed marine environments.

Part No.	Conductor Specification (mm)	Conductor Cross Section (mm^2)	Maximum Overall Diameter (mm)	Nominal Current Rating (Amps)	Maximum Resistance Per Metre at 20°C (Ohms)	Sheath Colours	Reel Sizes (Metres)
CLR1	32/0.20	1	5.6	16.5	0.01910	Blue/Yellow/ Black/Red	30, 50, 100, 500
CLR1.5	21/0.30	1.5	5.8	21	0.01300		
CLR2.5	35/0.30	2.5	6.2	29	0.00782		
CLR4	56/0.30	4	6.6	39	0.00485		
CLR6	84/0.30	6	7.3	50	0.00323		
CLR10	80/0.40	10	8.4	70	0.00185		
CLR16	203/0.30	16	9.8	110	0.00124		
CLR25	322/0.30	25	11.5	170	0.00079		
CLR35	455/0.30	35	14.4	240	0.00056		







AMC
We simply connect

AMC INDUSTRIAL

Industrial Cables

The AMC INDUSTRIAL Cable Range delivers specialist cable solutions engineered for safety-critical and high-performance electrical installations, combining enhanced life safety protection with global compliance and efficient installation. Designed to perform reliably in demanding environments worldwide, the range brings together LSZH cables focused on fire safety and Tri-Rated cables developed for international industrial applications, ensuring dependable performance across a wide variety of sectors.

LSZH (Low Smoke Zero Halogen) cables are designed to significantly improve safety in the event of fire by eliminating toxic halogen gases and reducing harmful acid emissions. They produce minimal smoke to maintain visibility during evacuation and feature flame-retardant properties that slow fire spread and support self-extinguishing behaviour. In addition, they help protect both people and equipment by reducing toxic exposure and corrosion risk, making them especially suitable for high-risk environments such as hospitals, tunnels, public buildings, and data centres.

Tri-Rated cables, certified to BS, UL, and CSA standards, are engineered for seamless international compatibility across UK, US, and Canadian markets. They offer a single multi-standard solution that reduces stock complexity and cost while ensuring consistent compliance. With high temperature resistance, flame-retardant PVC insulation, and flexible construction for ease of installation, these cables are ideally suited for control panels and confined industrial spaces where reliability, safety, and installation efficiency are essential.



AMC TRI-RATED

AMC Tri-Rated cables are manufactured to deliver dependable, high-temperature performance for control panels, switchgear, and industrial electrical systems. Produced with flexible Class 5 copper conductors and heat-resistant PVC insulation, they offer robust, long-term reliability in compact or demanding environments. Certified to BS 6231, UL758 and CSA22.2 standards, style UL1015, AMC Tri-Rated cables provide a trusted solution for manufacturers and panel builders who require consistent quality and compatibility across a wide range of international applications.

Our Tri-Rated cables maintain stable electrical performance from minus 15°C to plus 105°C, supporting reliable operation in enclosed panels and distribution assemblies. Their flexible construction assists with efficient routing in space-restricted installations, while the flame-retardant insulation enhances safety during heat build-up. Proven across OEM and industrial applications, AMC Tri-Rated cables deliver consistent, durable performance for a wide variety of control and instrumentation systems.

AMC LOW SMOKE

AMC Low Smoke our range of LSZH cables are developed for environments where fire behaviour, air quality and occupant safety cannot be compromised. Using advanced low-smoke, zero-halogen thermoplastic compounds, they significantly reduce toxic emissions and maintain visibility during fire conditions. This high level of performance makes AMC Low Smoke cables an assured choice for public buildings, transport systems, data centres, tunnels and other enclosed spaces where corrosive smoke and halogen gases present a serious risk to people, electronic equipment and essential infrastructure.

The robust cable construction ensures consistent performance in fire conditions and helps safeguard sensitive electronic systems by limiting corrosive gas formation. These LSZH properties support safer evacuation and reduce long-term damage to critical assets, particularly in locations with high occupancy or essential operational functions. AMC Low Smoke cables provide dependable performance across power and control systems that require enhanced fire-safety characteristics and reliable operation under challenging conditions.

UL Approved Tri-Rated Cables

AMC TRI-RATED

Tri-rated Flexible PVC Cable

H05V2-K / H07V2-K / BS 6231 / UL758 / CSA 22.2 / STYLE UL1015



Part No	Conductor Specification (mm)	Maximum Overall Diameter (mm)	Maximum Resistance Per Metre at 20°C (Ohms)	Colour	Reel & Packaging
3TR.5	0.5	2.5	0.0371	Tri-Rated cables are available in the following colours: (R) RED, (B) BLACK, (G) GREEN, (LG) LIGHT GREEN, (U) BLUE, (Y) YELLOW, (N) BROWN, (P) PURPLE, (K) PINK, (S) SLATE GREY, (W) WHITE, (O) ORANGE Any combination of two of the above colours can be made available upon request	All cable are available as 10/30/50/100/ 250/500m reels. Barrel pack up to 10,000m dependant upon cable. Box pack up to 6,000m dependant upon cable. **If you have a special packaging request please contact our Sales Team.*
3TR.75	0.75	2.7	0.0247		
3TR1	1	2.8	0.0185		
3TR1.5	1.5	3.05	0.0127		
3TR2	2	3.4	0.00942		
3TR2.5	2.5	3.5	0.0076		
3TR3	3	4	0.00615		
3TR4	4	4.2	0.00471		
3TR4.5	4.5	4.65	0.00406		
3TR6	6	4.8	0.00314		
3TR7	7	5.2	0.00279		
3TR8.5	8.5	5.6	0.0022		
3TR10	10	6.3	0.00182		
3TR16	16	7.65	0.00116		
3TR25	25	9.4	0.000743		
3TR35	35	10.4	0.00056		

AMC 3TR range tested and certified to BS 6231, UL 758, CS 22.2, EN 50525-2-31, IEC 60332-1-2 & BS EN 60228.

Don't forget, we manufacture our cables in the UK
As well as our listed range, we also **make to order!**

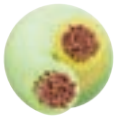
BULK DRUMS
AVAILABLE ACROSS ALL CABLE RANGES

Thin Wall Twisted Pairs

AMC COMMS

Thin Wall Twisted Pair





Part No	Conductor Specification (mm)	Conductor Cross Section (mm^2)	Maximum Overall Diameter (mm)	Nominal Current Rating (Amps)	Sheath Colour	Core Colours	Reel Sizes (Metres)
TWST02/02	2 x 16/0.20	2 x 0.5mm	3.2	11.0	None	Green, Yellow	30, 100, 5000

AMC COMMS

Thin Wall Double Twisted Pair





Part No	Conductor Specification (mm)	Conductor Cross Section (mm^2)	Maximum Overall Diameter (mm)	Nominal Current Rating (Amps)	Sheath Colour	Core Colours	Reel Sizes (Metres)
TWST04/01	4 x 24/0.20	4 x 0.75mm	6.25	14	Black	Twist One – Blue, White / Twist Two – Brown, Black	2500







AMC LOW SMOKE

Low Smoke Zero Halogen





Part No	Conductor Specification (mm)	Conductor Cross Section (mm^2)	Maximum Overall Diameter (mm)	Nominal Current Rating (Amps)	Maximum Resistance Per Metre at 20°C (Ohms)	Colour	Reel Sizes (Metres)
0H1	32/0.20	1	2.62	16.5	0.0185	Single core cables are available in the following colours: (R) RED, (B) BLACK, (G) GREEN, (LG) LIGHT GREEN, (U) BLUE, (Y) YELLOW, (N) BROWN, (P) PURPLE, (K) PINK, (S) SLATE GREY, (W) WHITE, (O) ORANGE, (GY) GREEN / YELLOW. Any combination of two of the above colours can be made available upon request.	100
0H2.5	35/0.30	2.5	3.72	29	0.0076		
0H4	56/0.30	4	4.25	39	0.00471		
0H6	84/0.30	6	4.82	50	0.00314		
0H10	80/0.40	10	6.19	70	0.00182		
0H16	126/0.40	16	7.95	110	0.00116		


DE
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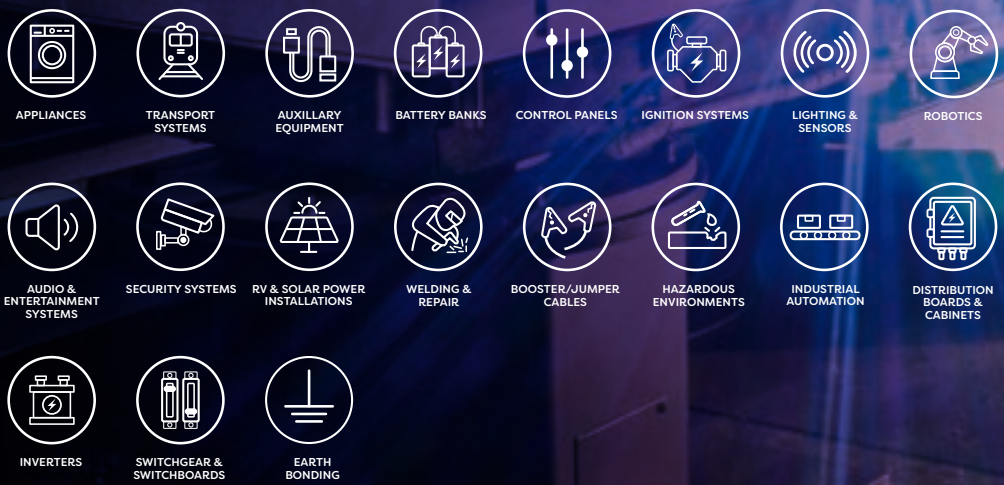
AMC
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AMC SPECIALITY

Speciality Cables

The AMC SPECIALITY cable range delivers high-performance, durable, and flexible solutions engineered to meet the demands of diverse electrical applications across multiple industries. From AMC BATT-WELD cables designed for high-amperage environments such as welding, marine, battery, and industrial power systems, to AMC EARTH-BOND cables ensuring critical safety and grounding across residential, commercial, and industrial infrastructure, each product is built for reliability and compliance.

The range is further complemented by AMC SPEAKER cables for flexible, cost-effective audio installations in home entertainment and commercial sound systems, alongside AMC IGNITION cables providing dependable high-voltage performance in automotive and industrial engine applications. Together, these solutions support key markets including automotive, marine, construction, industrial manufacturing, energy, audio-visual, agriculture, and mining sectors, delivering a strong balance of safety, efficiency, and installation ease in even the most demanding environments.



AMC BATT-WELD

AMC BATT-WELD is a dual purpose, highly flexible, durable copper cables designed for high-amperage applications up to 600V, featuring fine-stranded conductors and robust EPDM or neoprene insulation. Their construction provides exceptional flexibility for tight routing, along with excellent resistance to heat, abrasion, oil, and moisture, making them reliable in demanding environments. These qualities make welding cables ideal for a wide range of uses, including welding equipment, battery banks, marine systems, and high-performance electrical setups.

AMC EARTH-BOND

Earth-bonding cables are designed to enhance electrical safety by providing a low-resistance path to ground, helping prevent electric shock and reduce fire risks. Made from high-conductivity copper and available in flexible stranded or braided designs, they offer durability, easy installation, and reliable performance even in environments with vibration or moisture. Their standardized green/yellow insulation and secure connection options ensure consistent voltage across metal components while protecting against surges and lightning. Overall, these cables play a critical role in maintaining safety, stability, and compliance in residential, commercial, and industrial electrical systems

AMC SPEAKER

AMC Speaker “figure 8” (zip cord) cable features a twin, side-by-side design that delivers high flexibility and easy handling, making it simple to route around corners, behind walls, or under carpets. It’s clearly marked polarity and easy-to-split cores ensure quick, error-free installation, saving time on setup. Available in five sizes, it provides versatile performance for everything from bookshelf speakers to full home theatre and background audio systems. Cost-effective and reliable, it’s an ideal solution for home, commercial, and temporary audio installations.

AMC IGNITION

PVC high-tension ignition cables deliver reliable high-voltage insulation, ensuring efficient power transfer to spark plugs while preventing energy loss. Their flame-retardant, chemically resistant, and durable construction provides safe, long-lasting performance in harsh engine environments exposed to heat, oil, and abrasion. Flexible and cost-effective, they also support easy installation and EMI suppression, helping maintain stable engine and electronic system operation.

Speciality

AMC BATT-WELD

Double Insulated Battery / Welding Cables



Double insulated extra flexible battery / welding cables designed to withstand severe climatic and mechanical conditions. The sheath remains flexible at both high and low temperatures and is flame retardant.

Manufactured in accordance with BS:EN60228.

Tinned copper conductors (orange only). High temperature separator. Butyl rubber insulation, rubber sheath 85°C.

Part No	Conductor Specification (mm)	Conductor Cross Section (mm^2)	Maximum Overall Diameter (mm)	Nominal Current Rating (Amps)	Sheath Colour	Reel Sizes (Metres)
W16	513/0.20	16	9.7	175	Black†, Orange	100
W25	783/0.20	25	11.2	230	Black†, Orange	100
W35	1107/0.20	35	12.4	290	Black†, Orange	100
W50	1566/0.20	50	14.3	370	Black†, Orange	100
W70	2214/0.20	70	16.3	460	Black†, Orange	100

† Copper conductors on the black sheathed cables are **not** tinned.

AMC EARTH-BOND

Tinned Copper Earthing Braids



Manufactured in accordance with BS:EN13602:2002, where applicable. Tinned copper conductors.

Part No	Conductor Specification (mm)	Conductor Cross Section (mm^2)	Maximum Overall Diameter (mm)	Nominal Current Rating (Amps)	Configuration	Reel Sizes (Metres)
400	16/16/0.30	19	7.2	110.0	Round	10
401	16/32/0.30	37	10.5	180.0	Round	10, 30

The conductor specifications shown are representative configurations; actual cable strand may differ slightly, but will meet resistance values shown.

Nominal current amperage ratings are provided as a guide only, and can vary depending on application, conditions and environmental factors. If in doubt, please consult a qualified electrician.

Don't forget, we manufacture our cables in the UK
As well as our listed range, we also **make to order!**

Speciality

AMC SPEAKER

Stereo Speaker Twin Cables



PVC insulated -30°C to 70°C.
Please refer to single core for resistance values.

Part No.	Conductor Specification (mm)*	Conductor Cross Section (mm^2)	Maximum Overall Dimensions (mm)	Nominal Current Rating (Amps)**	Sheath Colours	Reel Sizes (Metres)
550	2 x 12/0.20	2 x 0.35	3.6 x 1.7	2	Black–Black/White	30, 100, 500
551	2 x 16/0.20	2 x 0.5	3.9 x 1.9	3	Black–Black/White	30, 100, 500
552	2 x 24/0.20	2 x 0.75	4.3 x 2.1	6	Black–Black/Red	30, 100, 500
553	2 x 32/0.20	2 x 1.0	4.7 x 2.3	10	Black–Black/Blue	30, 100
554	2 x 21/0.30	2 x 1.5	5.9 x 2.9	15	Black–Black/White	30, 100

Please contact the Sales Team if the colour combination you require is not listed.

AMC IGNITION

PVC Ignition Cable (High Tension)



Part No.	Conductor Specification (mm)	Conductor Cross Section (mm^2)	Maximum Overall Diameter (mm)	Sheath Colours	Reel Sizes (Metres)
74	09 /0.30	0.65	5.1	Black, Red	30, 100
77	21/0.30	1.5	7.0		30, 100

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AMC ASSEMBLY

Assembly Cables

The AMC Assembly range delivers high-performance connection and grounding solutions engineered for safety, reliability, and versatility across critical power systems.

AMC BATT-TERM battery terminal leads provide secure, high-current connections for applications such as automotive starting systems, marine power, renewable energy storage, UPS/data centres, and industrial mobility equipment, supporting key markets including automotive OEM and after-market, marine and defence, renewable energy, and telecommunications infrastructure. AMC EARTH-TERM braided earth terminals ensure safe, low-resistance grounding and effective EMI control, making them essential for electrical safety bonding, lightning protection, industrial equipment earthing, and temporary site installations, across construction, utilities, manufacturing, mining, and petrochemical sectors.

Together, these solutions offer durability, flexibility, and compliance, making them ideal for demanding environments where electrical safety and performance are critical.

AMC BATT-TERM

AMC BATT-TERM Battery terminal leads are the critical conductive metal components that link a battery to a vehicle or device's electrical system, acting as the "gateway" for power to enter or exit. They are designed to facilitate high-current flow for starting and operating, ensuring a secure and efficient connection. Offering 7 different lengths from 225mm through to 915mm, Black and Red, with 8mm hole ring terminal or universal fitting.

AMC EARTH-TERM

AMC EARTH-TERM are Braided earth terminals, highly flexible, conductive connectors used to ground electrical equipment, machinery, and vehicles, safely channelling fault currents and preventing electromagnetic interference (EMI). Constructed by weaving multiple fine strands of copper (often tinned for corrosion resistance) into a flat or round shape, they offer superior durability in high-vibration environments compared to solid wire. Available in 7 lengths from 150mm through to 750mm with 8mm hole ring terminal or universal fitting.

Assembly Cables

AMC BATT-TERM

Flexible Copper Conductors

Suitable for cars and light commercial vehicles.

16mm² flexible copper conductors, PVC insulated.
Ring terminals: 8mm hole. Available in black (B) or red (R).



Part No	Length (mm)	Pack Size
BS101	225	10
BS102	300	10
BS103	375	10
BS104	450	10
BS105	600	10
BS106	760	10
BS107	915	10

16mm² flexible copper conductors, PVC insulated.
Ring terminal: 8mm hole. Battery terminal: Universal.
Available in black (B) or red (R).



Part No	Length (mm)	Pack Size
BS201	225	10
BS202	300	10
BS204	450	10
BS205	600	10
BS206	760	10
BS207	915	10

AMC EARTH-TERM

Braided Cable

19mm² round braided tinned copper conductors.
Ring terminals: 8mm hole.



Part No	Length (mm)	Pack Size
BS300	150	10
BS301	225	10
BS302	300	10
BS303	375	10
BS304	450	10
BS305	600	10
BS306	760	10

19mm² round braided tinned copper conductors.
Ring terminal: 8mm hole. Battery terminal: Universal.

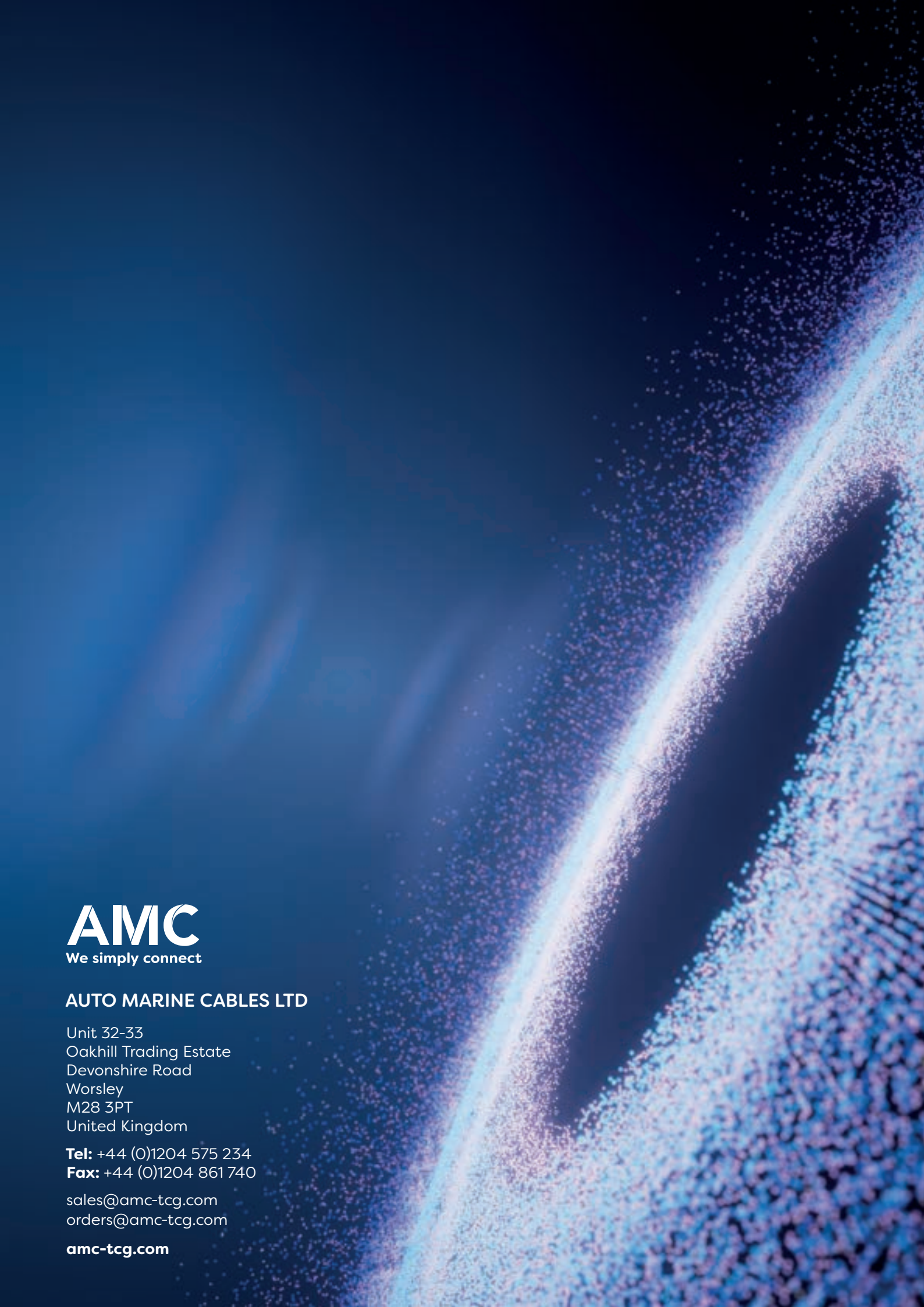


Part No	Length (mm)	Pack Size
BS501	225	10
BS502	300	10
BS503	375	10
BS504	450	10
BS505	600	10
BS506	760	10



Notes

Notes



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