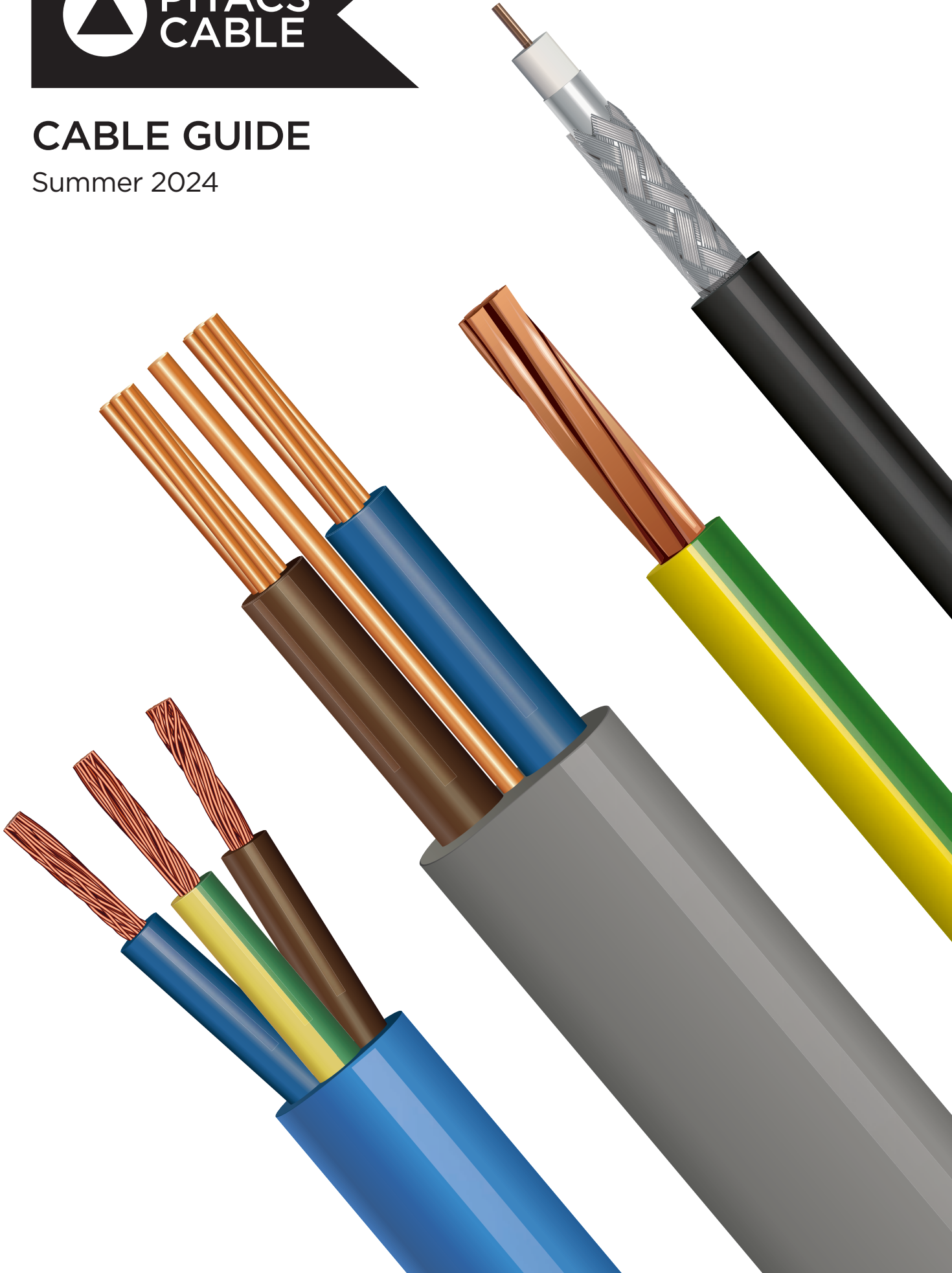




**PITACS
CABLE**

CABLE GUIDE

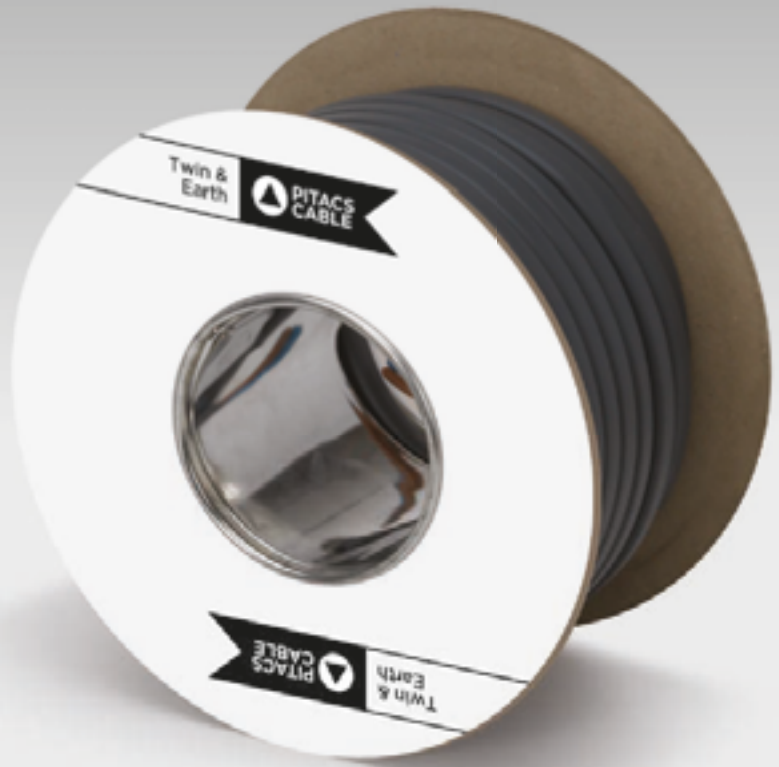
Summer 2024





Pitacs Cable is one of the UK's leading electrical cable and flex distributors with over 20 years' experience and a full range of products certified to British and International Standards.

Our cable is stocked throughout the UK at electrical wholesalers and leading DIY retailers and our UK stock holding of over 25,000 pallets at our distribution centre in Milton Keynes means we can meet demand on time and in full.



4 General Wiring

We offer a versatile range of general wiring, fixed wiring and Twin & Earth cable suitable for a variety of applications in domestic and commercial power distribution, including single core and multicore with Low Smoke Zero Halogen (LSZH) options.

10 Flexible Cables

Our flexible cable range includes braided flex, PVC insulated flex in a range of core configurations and colours with alternative LSZH options, heat resistant butyl flex, water resistant pond flex and arctic grade flex for outdoor applications.

17 Control Cables

Our range of control flexible cables for measuring and monitoring systems includes CY, SY and YY multicore cable in PVC and LSZH.

22 Armoured Cables

Our steel wire armoured cable (SWA), is a hard-wearing power cable designed for the supply of mains electricity, for use wherever there is risk of mechanical damage.

23 Solar Cables

We offer solar PV cable for interconnection use within photo-voltaic (PV / solar panel) systems. The cable is double insulated and resistant to UV.

24 Fire Resistant Cables

Our Firecross fire-rated cable is ideal for use where fire safety is of utmost importance such as fire alarms and emergency lighting. In addition to standard Firecross cable, we also offer an enhanced fire resistant cable tested to provide a guaranteed two-hour duration under fire and mechanical shock conditions.

26 Low Voltage Cables

We stock low voltage cables for a variety of applications including coaxial, alarm cable, telephone flex and bell wire.

30 Data Cables

We stock CAT5 to CAT6A cables in both PVC and LSZH variants for telecommunications and computer networking including high speed PoE applications.

32 Cable Clips

We also stock a wide range of high quality cable clips and cleats for managing and securing cables of all sizes and shapes to walls, ceilings and floors.

Contact Pitacs Cable

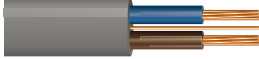
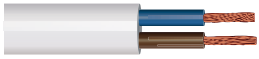



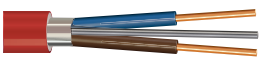



Tel: 01908 010345

Email: elec-sales@pitacs.com

Quality

All cables and accessories comply fully with British, European and International standards including ISO9001:2008.



	General Wiring	4
	Flexible Cables	10
	Control Cables	17
	Armoured Cables	22
	Solar Cables	23
	Fire Resistant Cables	24
	Low Voltage Cables	26
	Data Cables	30
	Cable Clips	32
	Terms of Delivery	34
	Terms & Conditions	35

Please note: All cable current figures are quoted at maximum (cable clipped direct / reference method C). The correct de-rating factor should be applied as per BS7671. All products should only be installed by a qualified electrician.

Technical specifications are subject to change without prior notice. The colours shown in the imagery, while a good representation, may not be an exact match of the finished product.

© Pitacs Limited 2023
Ownership and intellectual property rights of the designs in this publication belong to Pitacs Limited and are registered in the UK and major trademark and design registry offices worldwide.

All mentioned products are subject to misprints. For consequences of misprints no liability is accepted.

Published and updated May 2024.

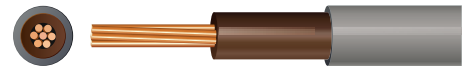
General Wiring

- 6181B Double Insulated LSZH
- 6181Y Double Insulated
- 6181Y Double Insulated Flexi 19 Stranded
- 6193B Twin & Earth LSZH R: 7 Stranded
- 6193B Twin & Earth LSZH U: Solid
- 6241B Single Core & Earth LSZH
- 6241Y Single Core & Earth
- 6242B Twin & Earth LSZH

- 6242Y Twin & Earth
- 6243B 3 Core & Earth LSZH
- 6243Y 3 Core & Earth
- 6491B Single Core LSZH
- 6491X Single Core
- TAIL16X Meter Tail Pack
- TAIL25X Meter Tail Pack
- FLEXITAIL25X Meter Tail Pack

6181B Double Insulated LSZH

Low Smoke Zero Halogen cable for use in installations where smoke and acid gas emission would pose a major hazard in the event of a fire. Designed for use in light industrial and domestic wiring. These cables are intended for fixed installation in dry or damp premises and can be installed in conduit, in cable trunking and in cable ducting. They can be clipped direct, on cable tray, embedded or in free air, but are not intended to be laid underground.



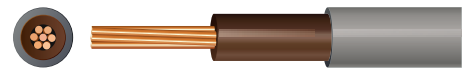
Certifications: BASEC Approved ISO 9001
Standard: BS 7211:2012

Product Code	Core Size mm	Type of Copper Conductor	Diameter mm	Current Capacity A	Max. Conductor Resistance at 20°C (Ohm/km)	Outer Sheath Colour	Inner Core Colour	Lengths or Cut-to-Length m	Usage
6181B16.0	16	Stranded	7.7	109	1.15	● ● ●	● ●	50, 100	Consumer units
6181B25.0	25	Stranded	9.5	143	0.727	● ● ●	● ●	50, 100	Consumer units

Voltage: 450/750 V Min/Max Operating Temperature: -15°C/90°C Short Circuit Temperature: 250°C Minimum Bending Radius: 8xD

6181Y Double Insulated

Doubled insulation cable for fixed installation in dry or damp areas for domestic and light industrial wiring: class 2 stranded copper conductor to BS 6004:2012.



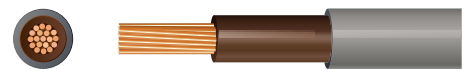
Certifications: BASEC Approved ISO 9001
Standard: BS EN 60228:2005

Product Code	Core Size mm	Type of Copper Conductor	Diameter mm	Current Capacity A	Max. Conductor Resistance at 20°C (Ohm/km)	Outer Sheath Colour	Inner Core Colour	Lengths or Cut-to-Length m	Usage
6181Y16.0	16	Stranded	8.5	87	1.15	● ● ●	● ●	50, 100	Consumer units
6181Y25.0	25	Stranded	10.2	114	0.727	● ● ●	● ●	25, 50, 100	Consumer units

Voltage: 300/500 V Min/Max Operating Temperature: -15°C/70°C Short Circuit Temperature: 160°C Minimum Bending Radius: 8xD

6181Y Double Insulated Flexi 19 Stranded

PVC single core cable, double insulated with a voltage rating of 300/500V. It is a general surface wire cable for fixed installation, domestic and light industrial use where extra flexibility is required.



Certifications: BASEC Approved ISO 9001
Standard: BS 6004:2012

Product Code	Core Size mm	Type of Copper Conductor	Diameter mm	Current Capacity A	Max. Conductor Resistance at 20°C (Ohm/km)	Outer Sheath Colour	Inner Core Colour	Lengths or Cut-to-Length m	Usage
6181Y16.0	16	Stranded	8.8	87	1.15	● ● ●	● ●	50, 100	Consumer units
6181Y25.0	25	Stranded	10.2	114	0.727	● ● ●	● ●	50, 100	Consumer units

Voltage: 300/500 V Min/Max Operating Temperature: -15°C/70°C Short Circuit Temperature: 160°C Minimum Bending Radius: 8xD

6193B Twin & Earth LSZH R: 7 Stranded

Ireland Only: Low Smoke Zero Halogen domestic wiring cable for the surface wiring of sockets and lighting where fire, smoke emission and toxic fumes create a potential threat to life and equipment.



Certifications: BASEC Approved ISO 9001
Standard: IS 201-4

Product Code	Core Size mm	Type of Copper Conductor	Max. Diameter mm	Current Capacity A	Max. Conductor Resistance at 20°C (Ohm/km)	Outer Sheath Colour	Inner Core Colour	Lengths or Cut-to-Length m	Usage
6193B6.0	6	Stranded	7.8 x 15.0	52	3.08	○	● ● ● ● ● ● ●	5, 10, 50, 100	Lighting circuits
6193B10.0	10	Stranded	9.5 x 18.9	71	1.83	○	● ● ● ● ● ● ●	10, 50, 100	Heavy duty lighting circuits
6193B16.0	16	Stranded	10.8 x 20.9	96	1.15	○	● ● ● ● ● ● ●	10, 50, 100	Ring mains and socket outlets

Voltage: 300/500 V Min/Max Operating Temperature: -15°C/90°C Short Circuit Temperature: 250°C Minimum Bending Radius: 8xD

6193B Twin & Earth LSZH U: Solid

Ireland Only: Low Smoke Zero Halogen domestic wiring cable for the surface wiring of sockets and lighting where fire, smoke emission and toxic fumes create a potential threat to life and equipment.



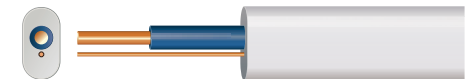
Certifications: BASEC Approved ISO 9001
Standard: IS 201-4

Product Code	Core Size mm	Type of Copper Conductor	Max. Diameter mm	Current Capacity A	Max. Conductor Resistance at 20°C (Ohm/km)	Outer Sheath Colour	Inner Core Colour	Lengths or Cut-to-Length m	Usage
6193B1.0	1	Solid	4.8 x 8.7	17	18.1	○	● ● ● ● ● ● ●	50, 100	Lighting circuits
6193B1.5	1.5	Solid	5.3 x 9.7	22	12.1	○	● ● ● ● ● ● ●	5, 10, 50, 100	Heavy duty lighting circuits
6193B2.5	2.5	Solid	6.2 x 11.7	30	7.41	○	● ● ● ● ● ● ●	5, 10, 50, 100	Ring mains and socket outlets

Voltage: 300/500 V Min/Max Operating Temperature: -15°C/90°C Short Circuit Temperature: 250°C Minimum Bending Radius: 8xD

6241B Single Core & Earth LSZH

Low Smoke Zero Halogen cable to reduce emissions in the event of a fire. Domestic wiring cable. Can be installed in fixed installations in dry or damp premises clipped to surface, on trays or in free air where mechanical damage would not be an issue. Suitable for laying in conduit or trunking where mechanical protection is required.



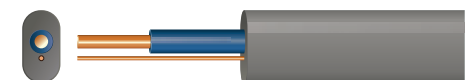
Certifications: BASEC Approved ISO 9001
Standard: BS 7211:2012

Product Code	Core Size mm	Type of Copper Conductor	Max. Diameter mm	Current Capacity A	Max. Conductor Resistance at 20°C (Ohm/km)	Outer Sheath Colour	Inner Core Colour	Lengths or Cut-to-Length m	Usage
6241B1.5	1.5	Solid	5.3 x 6.6	24	12.1 / 18.1	○	● ●	100	General purpose wiring when an earth continuity conductor is required

Voltage: 300/500 V Min/Max Operating Temperature: -15°C/90°C Short Circuit Temperature: 250°C Minimum Bending Radius: 8xD

6241Y Single Core & Earth

Domestic wiring cable. Can be installed in fixed installations in dry or damp premises clipped to surface, on trays or in free air where mechanical damage would not be an issue. Suitable for laying in conduit or trunking where mechanical protection is required.



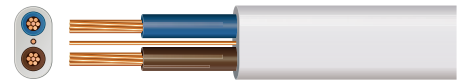
Certifications: BASEC Approved ISO 9001
Standard: BS 6004:2012

Product Code	Core Size mm	Type of Copper Conductor	Max. Diameter mm	Current Capacity A	Max. Conductor Resistance at 20°C (Ohm/km)	Outer Sheath Colour	Inner Core Colour	Lengths or Cut-to-Length m	Usage
6241Y1.0	1	Solid	4.8 x 6.0	16	18.1 / 18.1	●	● ●	50, 100	General purpose wiring when an earth continuity conductor is required
6241Y1.5	1.5	Solid	5.3 x 6.6	20	12.1 / 18.1	●	● ●	50, 100	General purpose wiring when an earth continuity conductor is required

Voltage: 300/500 V Min/Max Operating Temperature: -15°C/70°C Short Circuit Temperature: 160°C Minimum Bending Radius: 8xD

6242B Twin & Earth LSZH

Low Smoke Zero Halogen domestic wiring cable for the surface wiring of sockets and lighting where fire, smoke emission and toxic fumes create a potential threat to life and equipment. Can be installed in fixed installations in dry or damp premises clipped to surface, on trays or in free air where mechanical damage would not be an issue. Suitable for laying in conduit or trunking where mechanical protection is required.



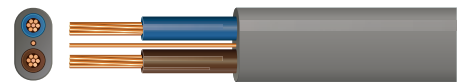
Certifications: BASEC Approved ISO 9001
Standard: BS 7211:2012

Product Code	Core Size mm	Type of Copper Conductor	Max. Diameter mm	Current Capacity A	Max. Conductor Resistance at 20°C (Ohm/km)	Outer Sheath Colour	Inner Core Colour	Lengths or Cut-to-Length m	Usage
6242B1.0	1	Solid	5.0 x 9.2	19	18.1 / 18.1	○	● ●	100	Lighting circuits
6242B1.5	1.5	Solid	5.3 x 9.7	24	12.1 / 18.1	○	● ●	50, 100	Heavy duty lighting circuits
6242B2.5	2.5	Solid	6.0 x 11.2	33	7.41 / 12.1	○	● ●	100	Ring mains and socket outlets
6242B4.0	4	Stranded	6.7 x 12.6	45	4.61 / 12.1	○	● ●	100	Higher load ring mains and socket outlets
6242B6.0	6	Stranded	7.5 x 14.6	58	3.08 / 7.41	○	● ●	50, 100	Light duty cookers and showers
6242B10.0	10	Stranded	8.8 x 17.5	80	1.83 / 4.61	○	● ●	50, 100	Higher load cookers and showers
6242B16.0	16	Stranded	10.1 x 20.5	107	1.15 / 3.08	○	● ●	50, 100	Light commercial and consumer units

Voltage: 300/500 V Min/Max Operating Temperature: -15°C/90°C Short Circuit Temperature: 250°C Minimum Bending Radius: 8xD

6242Y Twin & Earth

Domestic wiring cable. Can be installed in fixed installations in dry or damp premises clipped to surface, on trays or in free air where mechanical damage would not be an issue. Suitable for laying in conduit or trunking where mechanical protection is required.



Certifications: BASEC Approved ISO 9001
Standard: BS 6004:2012

Product Code	Core Size mm	Type of Copper Conductor	Max. Diameter mm	Current Capacity A	Max. Conductor Resistance at 20°C (Ohm/km)	Outer Sheath Colour	Inner Core Colour	Lengths or Cut-to-Length m	Usage
6242Y1.0	1	Solid	4.8 x 8.7	16	18.1 / 18.1	● ●	● ● / ● ●	10, 25, 50, 100	Lighting circuits
6242Y1.5	1.5	Solid	5.3 x 9.7	20	12.1 / 18.1	● ●	● ● / ● ●	5, 10, 25, 50, 100	Heavy duty lighting circuits
6242Y2.5	2.5	Solid	6.2 x 11.7	27	7.41 / 12.1	● ●	● ●	5, 10, 25, 50, 100	Ring mains and socket outlets
6242Y4.0	4	Stranded	6.9 x 13.1	37	4.61 / 12.1	● ●	● ●	25, 50, 100	Higher load ring mains and socket outlets
6242Y6.0	6	Stranded	7.8 x 15.0	47	3.08 / 7.41	● ●	● ●	5, 10, 25, 50, 100	Light duty cookers and showers
6242Y10.0	10	Stranded	9.5 x 18.9	64	1.83 / 4.61	● ●	● ●	5, 10, 25, 50, 100	Higher load cookers and showers
6242Y16.0	16	Stranded	10.8 x 20.9	85	1.15 / 3.08	● ●	● ●	25, 50, 100	Light commercial and consumer units

Voltage: 300/500 V Min/Max Operating Temperature: -15°C/70°C Short Circuit Temperature: 160°C Minimum Bending Radius: 8xD

6243B 3 Core & Earth LSZH

Low Smoke Zero Halogen domestic wiring cable for the surface wiring of sockets and lighting where fire, smoke emission and toxic fumes create a potential threat to life and equipment. Can be installed in fixed installations in dry or damp premises clipped to surface, on trays or in free air where mechanical damage would not be an issue. Suitable for laying in conduit or trunking where mechanical protection is required.



Certifications: BASEC Approved ISO 9001
Standard: BS 7211:2012

Product Code	Core Size mm	Type of Copper Conductor	Max. Diameter mm	Current Capacity A	Max. Conductor Resistance at 20°C (Ohm/km)	Outer Sheath Colour	Inner Core Colour	Lengths or Cut-to-Length m	Usage
6243B1.0	1	Solid	5.0 x 12.1	19	18.1 / 18.1	○	● ● ●	50, 100	2-way lighting circuits
6243B1.5	1.5	Solid	5.3 x 12.9	24	12.1 / 18.1	○	● ● ●	50, 100	Higher load 2-way lighting circuits
6243B2.5	2.5	Solid	6.0 x 14.6	33	7.41 / 12.1	○	● ● ●	100	Higher load 2-way circuits

Voltage: 300/500 V Min/Max Operating Temperature: -15°C/90°C Short Circuit Temperature: 250°C Minimum Bending Radius: 8xD

6243Y 3 Core & Earth

Domestic wiring cable. Can be installed in fixed installations in dry or damp premises clipped to surface, on trays or in free air where mechanical damage would not be an issue. Suitable for laying in conduit or trunking where mechanical protection is required.



Certifications: BASEC Approved ISO 9001
Standard: BS 6004:2012

Product Code	Core Size mm	Type of Copper Conductor	Max. Diameter mm	Current Capacity A	Max. Conductor Resistance at 20°C (Ohm/km)	Outer Sheath Colour	Inner Core Colour	Lengths or Cut-to-Length m	Usage
6243Y1.0	1	Solid	4.8 x 11.4	16	18.1 / 18.1	●	● ● ●	10, 50, 100	2-way lighting circuits
6243Y1.5	1.5	Solid	5.3 x 12.9	20	12.1 / 18.1	● ●	● ● ●	5, 10, 50, 100	Higher load 2-way lighting circuits

Voltage: 300/500 V Min/Max Operating Temperature: -15°C/70°C Short Circuit Temperature: 160°C Minimum Bending Radius: 8xD

6491B Single Core LSZH

Low Smoke Zero Halogen cable suitable for use in conduit and for fixed, protected installation. In particular for installation where fire, smoke emission and toxic fumes create a potential threat.



Certifications: BASEC Approved ISO 9001
Standard: BS EN 50525-3-41

Product Code	Core Size mm	Type of Copper Conductor	Diameter mm	Current Capacity A	Max. Conductor Resistance at 20°C (Ohm/km)	Outer Sheath Colour	Lengths or Cut-to-Length m	Usage
6491B1.5	1.5	Stranded	2.95	25	12.1	● ● ● ● ● ● ● ● ● ●	5, 100	Use in conduit or fixed, protected installation, particularly where fire, smoke emission and toxic fumes create a potential threat.
6491B2.5	2.5	Stranded	3.60	34	7.41	● ● ● ● ● ● ● ● ● ●	5, 100	
6491B4.0	4	Stranded	4.15	46	4.61	● ● ● ● ● ● ● ● ● ●	5, 10, 100	
6491B6.0	6	Stranded	4.70	59	3.08	● ● ● ● ● ● ● ● ● ●	10, 100	
6491B10.0	10	Stranded	5.85	81	1.83	● ● ● ● ● ● ● ● ● ●	5, 10, 25, 100	
6491B16.0	16	Stranded	6.70	109	1.15	● ● ● ● ● ● ● ● ● ●	25, 50, 100	

Voltage: 450/750 V Min/Max Operating Temperature: -15°C/90°C Short Circuit Temperature: 250°C Minimum Bending Radius: 6xD

6491X Single Core

6491X Cable H07V-R Stranded to BS6004 is suitable for power and lighting circuits and building wiring. The cable is intended for use in semi-flush exposed conduits and embedded conduits as well as in closed installation ducts, and is ideal for the internal wiring of appliances and apparatus.



Certifications: BASEC Approved ISO 9001
Standard: BS EN 50525-2-31

Product Code	Core Size mm	Type of Copper Conductor	Diameter mm	Current Capacity A	Max. Conductor Resistance at 20°C (Ohm/km)	Outer Sheath Colour	Lengths or Cut-to-Length m	Minimum Bending Radius	Usage
6491X1.5	1.5	Stranded	3.0	20	12.1	● ● ● ● ● ● ● ● ● ●	10, 25, 50, 100	4xD	General electrical applications
6491X2.5	2.5	Stranded	3.6	27	7.41	● ● ● ● ● ● ● ● ● ●	10, 25, 50, 100	4xD	
6491X4.0	4	Stranded	4.2	37	4.61	● ● ● ● ● ● ● ● ● ●	10, 25, 50, 100	4xD	
6491X6.0	6	Stranded	4.7	47	3.08	● ● ● ● ● ● ● ● ● ●	10, 25, 50, 100	4xD	
6491X10.0	10	Stranded	5.9	65	1.83	● ● ● ● ● ● ● ● ● ●	5, 10, 25, 50, 100	4xD	
6491X16.0	16	Stranded	6.7	87	1.15	● ● ● ● ● ● ● ● ● ●	10, 25, 50, 100	4xD	
6491X25.0	25	Stranded	8.3	114	0.727	● ● ● ● ● ● ● ● ● ●	50, 100	5xD	
6491X35.0	35	Stranded	9.3	141	0.524	● ● ● ● ● ● ● ● ● ●	50, 100	5xD	

Voltage: 450/750 V Min/Max Operating Temperature: -15°C/70°C Short Circuit Temperature: 160°C Minimum Bending Radius: 4/5xD

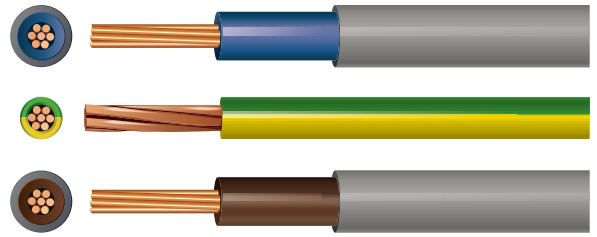
TAIL16X Meter Tail Pack

Meter tail pack for connecting consumer units to the electricity meter.

Pack includes:

2 x 6181Y (16mm²) Double Insulated with grey outer sheaths

1 x 6491X (16mm²) Single Core earth with green/yellow outer sheath



Certifications: BASEC Approved ISO 9001
Standards: 6181Y: BS EN 60228:2005 6491X: BS EN 50525-2-31

Meter Tail Pack includes:	Core Size mm	Type of Copper Conductor	Diameter mm	Current Capacity A	Max. Conductor Resistance at 20°C (Ohm/km)	Outer Sheath Colours	Inner Core Colours	Lengths or Cut-to-Length m	Usage
6181Y16.0	16	Stranded	8.5	87	1.15	●	●	3	Consumer units
6491X16.0	16	Stranded	6.7	87	1.15	●	n/a	3	
6181Y16.0	16	Stranded	8.5	87	1.15	●	●	3	

6181Y: Voltage: 300/500 V Min/Max Operating Temperature: -15°C/70°C Short Circuit Temperature: 160°C Minimum Bending Radius: 8xD
6491X: Voltage: 450/750 V Min/Max Operating Temperature: -15°C/70°C Short Circuit Temperature: 160°C Minimum Bending Radius: 4xD

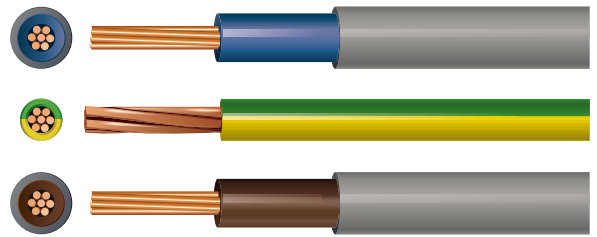
TAIL25X Meter Tail Pack

Meter tail pack for connecting consumer units to the electricity meter.

Pack includes:

2 x 6181Y (25mm²) Double Insulated with grey outer sheaths

1 x 6491X (16mm²) Single Core earth with green/yellow outer sheath



Certifications: BASEC Approved ISO 9001
Standards: 6181Y: BS EN 60228:2005 6491X: BS EN 50525-2-31

Meter Tail Pack includes:	Core Size mm	Type of Copper Conductor	Diameter mm	Current Capacity A	Max. Conductor Resistance at 20°C (Ohm/km)	Outer Sheath Colours	Inner Core Colours	Lengths or Cut-to-Length m	Usage
6181Y25.0	25	Stranded	10.2	114	0.727	●	●	1, 2, 3	Consumer units
6491X25.0	25	Stranded	8.3	114	0.727	●	n/a	1, 2, 3	
6181Y25.0	25	Stranded	10.2	114	0.727	●	●	1, 2, 3	

6181Y: Voltage: 300/500 V Min/Max Operating Temperature: -15°C/70°C Short Circuit Temperature: 160°C Minimum Bending Radius: 8xD
6491X: Voltage: 450/750 V Min/Max Operating Temperature: -15°C/70°C Short Circuit Temperature: 160°C Minimum Bending Radius: 5xD

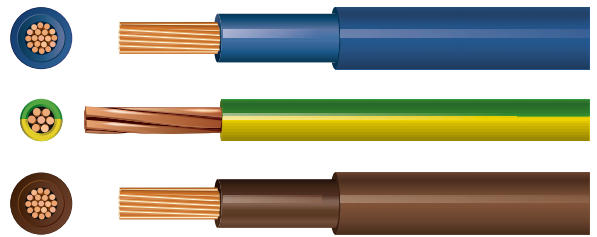
FLEXITAIL25X Meter Tail Pack

Flexi meter tail pack for connecting consumer units to the electricity meter.

Pack includes:

2 x 6181Y (25mm²) Double Insulated Flexi 19 Stranded with blue and brown outer sheaths

1 x 6491X (25mm²) Single Core earth with green/yellow outer sheath



Certifications: BASEC Approved ISO 9001
Standards: 6181Y: BS 6004:2012 6491X: BS EN 50525-2-31

Meter Tail Pack includes:	Core Size mm	Type of Copper Conductor	Diameter mm	Current Capacity A	Max. Conductor Resistance at 20°C (Ohm/km)	Outer Sheath Colours	Inner Core Colours	Lengths or Cut-to-Length m	Usage
6181Y25.0	25	Flexi 19 Stranded	10.2	114	0.727	●	●	1, 3	Consumer units
6491X25.0	25	Stranded	8.3	114	0.727	●	n/a	1, 3	
6181Y25.0	25	Flexi 19 Stranded	10.2	114	0.727	●	●	1, 3	

6181Y: Voltage: 300/500 V Min/Max Operating Temperature: -15°C/70°C Short Circuit Temperature: 160°C Minimum Bending Radius: 8xD
6491X: Voltage: 450/750 V Min/Max Operating Temperature: -15°C/70°C Short Circuit Temperature: 160°C Minimum Bending Radius: 5xD

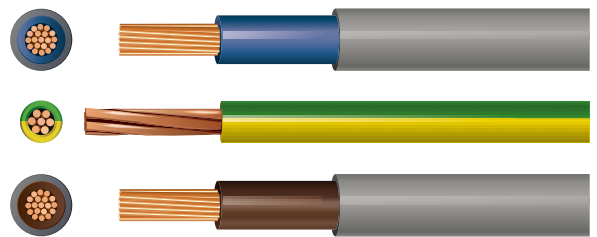
FLEXITAIL25X Meter Tail Pack

Flexi meter tail pack for connecting consumer units to the electricity meter.

Pack includes:

2 x 6181Y (25mm²) Double Insulated Flexi 19 Stranded with grey outer sheaths

1 x 6491X (25mm²) Single Core earth with green/yellow outer sheath



Certifications: BASEC Approved ISO 9001
Standards: 6181Y: BS 6004:2012 6491X: BS EN 50525-2-31

Meter Tail Pack includes:	Core Size mm	Type of Copper Conductor	Diameter mm	Current Capacity A	Max. Conductor Resistance at 20°C (Ohm/km)	Outer Sheath Colours	Inner Core Colours	Lengths or Cut-to-Length m	Usage
6181Y25.0	25	Flexi 19 Stranded	10.2	114	0.727	●	●	1, 2, 3	Consumer units
6491X25.0	25	Stranded	8.3	114	0.727	●	n/a	1, 2, 3	
6181Y25.0	25	Flexi 19 Stranded	10.2	114	0.727	●	●	1, 2, 3	

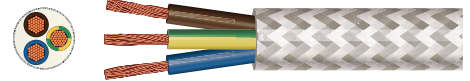
6181Y: Voltage: 300/500 V Min/Max Operating Temperature: -15°C/70°C Short Circuit Temperature: 160°C Minimum Bending Radius: 8xD
6491X: Voltage: 450/750 V Min/Max Operating Temperature: -15°C/70°C Short Circuit Temperature: 160°C Minimum Bending Radius: 5xD

Flexible Cables

- 2043Y** 3 Core Braided Flex
- 2182Y** 2 Core Round Flexible
- 2183Y** 3 Core Round Flexible
- 2184Y** 4 Core Round Flexible
- 2185Y** 5 Core Round Flexible
- 2192Y** 2 Core Flat Flexible
- 3092Y** 2 Core Heat Resistant Flexible
- 3093Y** 3 Core Heat Resistant Flexible
- 3094Y** 4 Core Heat Resistant Flexible
- 3095Y** 5 Core Heat Resistant Flexible
- 3182B** 2 Core Round Flexible LSZH
- 3182Y** 2 Core Round Flexible
- 3183B** 3 Core Round Flexible LSZH
- 3183P** 3 Core Round Flexible Pond
- 3183TQ** 3 Core Heat Resistant Butyl Flexible
- 3183TRS** 3 Core Rubber Flexible
- 3183Y** 3 Core Round Flexible
- 3183YA** 3 Core Arctic Grade Flexible
- 3184B** 4 Core Round Flexible LSZH
- 3184Y** 4 Core Round Flexible
- 3185B** 5 Core Round Flexible LSZH
- 3185Y** 5 Core Round Flexible

2043Y 3 Core Braided Flex

Ideal for appliances where there may be heat, such as irons.



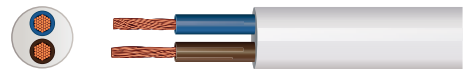
Certifications: ISO 9001
Standards: BS EN 50525-2-22 H03RT-H

Product Code	Core Size mm	Type of Copper Conductor	Diameter mm	Current Capacity A	Max. Conductor Resistance at 20°C (Ohm/km)	Outer Sheath Colour	Inner Core Colour	Lengths or Cut-to-Length m	Usage
2043Y1.0	1	Stranded	7.05	10	19.5			2.5	Small domestic appliances including irons and kettles

Voltage: 300/500 V Min/Max Operating Temperature: -35°C/90°C Short Circuit Temperature: 160°C Minimum Bending Radius: 8xD

2182Y 2 Core Round Flexible

Light duty cable for use in domestic premises, kitchens and offices. For use with light portable appliances such as radios, table lamps and office machines. Fine stranded copper core.



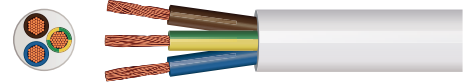
Certifications: BASEC Approved HAR ISO 9001
Standard: BS EN 50525-2-11

Product Code	Core Size mm	Type of Copper Conductor	Diameter mm	Current Capacity A	Max. Conductor Resistance at 20°C (Ohm/km)	Outer Sheath Colour	Inner Core Colour	Lengths or Cut-to-Length m	Usage
2182Y0.5	0.5	Fine-Stranded	5	3	39			5, 50, 100	Class 2 devices
2182Y0.75	0.75	Fine-Stranded	5.5	6	26			5, 10, 50, 100	

Voltage: 300/300 V Min/Max Operating Temperature: -15°C/70°C Short Circuit Temperature: 160°C Minimum Bending Radius: 5xD

2183Y 3 Core Round Flexible

Light duty cable for use in domestic premises, kitchens and offices. For use with light portable appliances such as radios, table lamps and office machines. Fine stranded copper core.



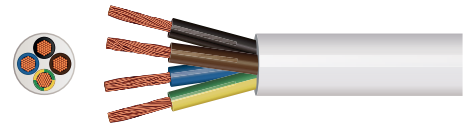
Certifications: BASEC Approved HAR ISO 9001
Standards: BS 6500 BS EN 50525-2-11

Product Code	Core Size mm	Type of Copper Conductor	Diameter mm	Current Capacity A	Max. Conductor Resistance at 20°C (Ohm/km)	Outer Sheath Colour	Inner Core Colour	Lengths or Cut-to-Length m	Usage
2183Y0.5	0.5	Fine-Stranded	5.3	3	39			5, 10, 50, 100	Light duty appliances
2183Y0.75	0.75	Fine-Stranded	5.8	6	26			5, 10, 25, 50, 100	

Voltage: 300/300 V Min/Max Operating Temperature: -15°C/70°C Short Circuit Temperature: 160°C Minimum Bending Radius: 5xD

2184Y 4 Core Round Flexible

Light duty cable for use in domestic premises, kitchens and offices. For use with light portable appliances such as radios, table lamps and office machines.



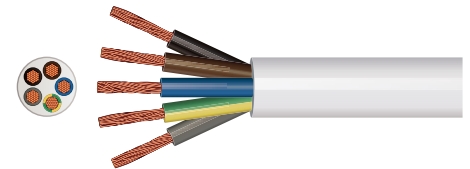
Certifications: BASEC Approved HAR ISO 9001
Standards: BS 6500 BS EN 50525-2-11

Product Code	Core Size mm	Type of Copper Conductor	Diameter mm	Current Capacity A	Max. Conductor Resistance at 20°C (Ohm/km)	Outer Sheath Colour	Inner Core Colour	Lengths or Cut-to-Length m	Usage
2184Y0.75	0.75	Fine-Stranded	6.4	6	26			50, 100	Light duty appliances

Voltage: 300/300 V Min/Max Operating Temperature: -15°C/70°C Short Circuit Temperature: 160°C Minimum Bending Radius: 5xD

2185Y 5 Core Round Flexible

Light duty cable for use in domestic premises, kitchens and offices. For use with light portable appliances such as radios, table lamps and office machines.



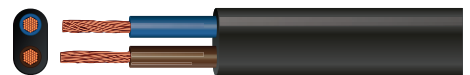
Certifications: BASEC Approved HAR ISO 9001
Standards: BS 6500 BS EN 50525-2-11

Product Code	Core Size mm	Type of Copper Conductor	Diameter mm	Current Capacity A	Max. Conductor Resistance at 20°C (Ohm/km)	Outer Sheath Colour	Inner Core Colour	Lengths or Cut-to-Length m	Usage
2185Y0.75	0.75	Fine-Stranded	7	6	26			50, 100	Light duty appliances

Voltage: 300/300 V Min/Max Operating Temperature: -15°C/70°C Short Circuit Temperature: 160°C Minimum Bending Radius: 5xD

2192Y 2 Core Flat Flexible

Light duty cable for use in domestic premises, kitchens and offices. For use with light portable appliances such as radios, table lamps and office machines. Fine stranded copper core.



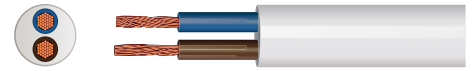
Certifications: BASEC Approved HAR ISO 9001
Standard: BS EN 50525-2-11

Product Code	Core Size mm	Type of Copper Conductor	Max. Diameter mm	Current Capacity A	Max. Conductor Resistance at 20°C (Ohm/km)	Outer Sheath Colour	Inner Core Colour	Lengths or Cut-to-Length m	Usage
2192Y0.5	0.5	Fine-Stranded	3.1 x 5.0	3	39			5, 10, 25, 50, 100	Class 2 devices
2192Y0.75	0.75	Fine-Stranded	3.35 x 5.5	6	26			5, 10, 25, 50, 100	

Voltage: 300/300 V Min/Max Operating Temperature: -15°C/70°C Short Circuit Temperature: 160°C Minimum Bending Radius: 5xD

3092Y 2 Core Heat Resistant Flexible

Supply leads for use as 318-Y but particularly for use in high temperature zones, for internal wiring or supply cords to electrical apparatus. Not suitable for outdoor use.



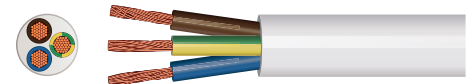
Certifications: HAR
Standard: BS EN 50525-2-11

Product Code	Core Size mm	Type of Copper Conductor	Diameter mm	Current Capacity A	Max. Conductor Resistance at 20°C (Ohm/km)	Outer Sheath Colour	Inner Core Colour	Lengths or Cut-to-Length m	Usage
3092Y0.75	0.75	Fine-Stranded	6.3	6	26	○	● ●	50, 100	Pendant lamps - high heat

Voltage: 300/500 V Min/Max Operating Temperature: -15°C/90°C Short Circuit Temperature: 150°C Minimum Bending Radius: 5xD

3093Y 3 Core Heat Resistant Flexible

Supply leads for use as 318-Y but particularly for use in high temperature zones, for internal wiring or supply cords to electrical apparatus. Not suitable for outdoor use. Fine stranded copper core.



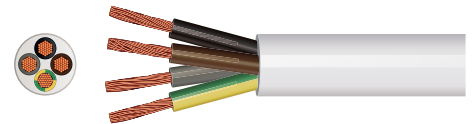
Certifications: HAR
Standard: BS EN 50525-2-11

Product Code	Core Size mm	Type of Copper Conductor	Diameter mm	Current Capacity A	Max. Conductor Resistance at 20°C (Ohm/km)	Outer Sheath Colour	Inner Core Colour	Lengths or Cut-to-Length m	Usage
3093Y0.75	0.75	Fine-Stranded	6.7	6	26	○	● ● ●	10, 25, 50, 100	Light duty applications
3093Y1.0	1	Fine-Stranded	7	10	19.5	○	● ● ●	5, 25, 50, 100	Light duty applications
3093Y1.5	1.5	Fine-Stranded	8.3	16	13.3	○	● ● ●	10, 25, 50, 100	Storage heaters and heating elements
3093Y2.5	2.5	Fine-Stranded	10	25	7.98	○	● ● ●	5, 10, 25, 50, 100	Electric hobs and storage heaters

Voltage: 300/500 V Min/Max Operating Temperature: -15°C/90°C Short Circuit Temperature: 150°C Minimum Bending Radius: 5xD

3094Y 4 Core Heat Resistant Flexible

Supply leads for use as 318-Y but particularly for use in high temperature zones, for internal wiring or supply cords to electrical apparatus. Not suitable for outdoor use. Fine stranded copper core.



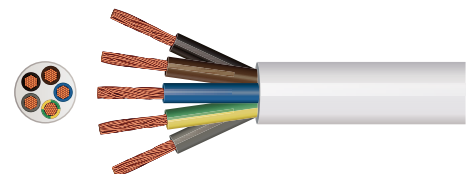
Certifications: BASEC Approved HAR
Standard: BS EN 50525-2-11

Product Code	Core Size mm	Type of Copper Conductor	Diameter mm	Current Capacity A	Max. Conductor Resistance at 20°C (Ohm/km)	Outer Sheath Colour	Inner Core Colour	Lengths or Cut-to-Length m	Usage
3094Y0.75	0.75	Fine-Stranded	7.3	6	26	○	● ● ● ●	10, 50, 100	Storage heaters and immersion heaters
3094Y1.0	1	Fine-Stranded	7.9	10	19.5	○	● ● ● ●	50, 100	Storage heaters and immersion heaters
3094Y1.5	1.5	Fine-Stranded	9.3	16	13.3	○	● ● ● ●	50, 100	Storage heaters and heating elements
3094Y2.5	2.5	Fine-Stranded	10.9	25	7.98	○	● ● ● ●	50, 100	Electric hobs and storage heaters

Voltage: 300/500 V Maximum Operating Temperature: -15°C/90°C Short Circuit Temperature: 150°C Minimum Bending Radius: 5xD

3095Y 5 Core Heat Resistant Flexible

Supply leads for use as 318-Y but particularly for use in high temperature zones, for internal wiring or supply cords to electrical apparatus. Not suitable for outdoor use. Fine stranded copper core.



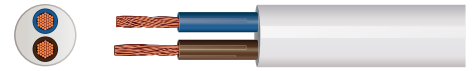
Certifications: BASEC Approved HAR
Standard: BS EN 50525-2-11

Product Code	Core Size mm	Type of Copper Conductor	Diameter mm	Current Capacity A	Max. Conductor Resistance at 20°C (Ohm/km)	Outer Sheath Colour	Inner Core Colour	Lengths or Cut-to-Length m	Usage
3095Y0.75	0.75	Fine-Stranded	8.1	6	26	○	● ● ● ● ●	25, 50, 100	Central heating controls

Voltage: 300/500 V Min/Max Operating Temperature: -15°C/90°C Short Circuit Temperature: 150°C Minimum Bending Radius: 5xD

3182B 2 Core Round Flexible LSZH

Low Smoke Zero Halogen cable for use with double insulated lighting and equipment that does not require earthing (Class 2). In particular for installation where fire, smoke emission and toxic fumes create a potential threat. Fine stranded copper core.



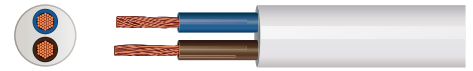
Certifications: BASEC Approved HAR ISO 9001
Standard: BS EN 50525-3-11

Product Code	Core Size mm	Type of Copper Conductor	Diameter mm	Current Capacity A	Max. Conductor Resistance at 20°C (Ohm/km)	Outer Sheath Colour	Inner Core Colour	Lengths or Cut-to-Length m	Usage
3182B0.75	0.75	Fine-Stranded	6.3	6	26	○	● ●	5, 50, 100	Small appliances (Class 2 devices)
3182B1.0	1	Fine-Stranded	6.6	10	19.5	○	● ●	100	Small appliances (Class 2 devices)
3182B1.5	1.5	Fine-Stranded	7.6	16	13.3	○	● ●	100	Medium appliances (Class 2 devices)

Voltage: 300/500 V Min/Max Operating Temperature: -15°C/70°C Short Circuit Temperature: 160°C Minimum Bending Radius: 5xD

3182Y 2 Core Round Flexible

For use in household appliances such as washing machines, spin dryers and refrigerators. Generally unsuitable for outdoor use or industrial applications. Fine stranded copper core.



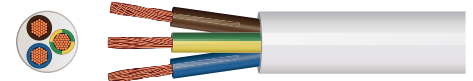
Certifications: BASEC Approved HAR ISO 9001
Standard: BS EN 50525-2-11

Product Code	Core Size mm	Type of Copper Conductor	Diameter mm	Current Capacity A	Max. Conductor Resistance at 20°C (Ohm/km)	Outer Sheath Colour	Inner Core Colour	Lengths or Cut-to-Length m	Usage
3182Y0.75	0.75	Fine-Stranded	6.3	6	26	● ○ ●	● ●	5, 10, 50, 100	Small appliances (Class 2 devices)
3182Y1.0	1	Fine-Stranded	6.6	10	19.5	● ○ ●	● ●	5, 10, 20, 25, 50, 100	Small appliances (Class 2 devices)
3182Y1.5	1.5	Fine-Stranded	8.0	16	13.3	● ○ ●	● ●	5, 10, 25, 50, 100	Medium appliances (Class 2 devices)
3182Y2.5	2.5	Fine-Stranded	9.2	25	7.98	● ○ ●	● ●	5, 10, 25, 50, 100	Medium appliances (Class 2 devices)

Voltage: 300/500 V Min/Max Operating Temperature: -15°C/70°C Short Circuit Temperature: 160°C Minimum Bending Radius: 5xD

3183B 3 Core Round Flexible LSZH

Low Smoke Zero Halogen cable for use in household appliances such as washing machines, spin dryers and refrigerators. In particular for installation where fire, smoke emission and toxic fumes create a potential threat. Generally unsuitable for outdoor use or industrial applications. Fine stranded copper core.



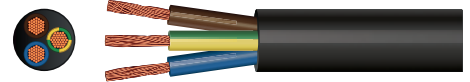
Certifications: BASEC Approved HAR ISO 9001
Standard: BS EN 50525-3-11

Product Code	Core Size mm	Type of Copper Conductor	Diameter mm	Current Capacity A	Max. Conductor Resistance at 20°C (Ohm/km)	Outer Sheath Colour	Inner Core Colour	Lengths or Cut-to-Length m	Usage
3183B0.75	0.75	Fine-Stranded	6.7	6	26	○	● ● ●	100	Small domestic appliances
3183B1.0	1	Fine-Stranded	7	10	19.5	○	● ● ●	100	Small domestic appliances
3183B1.5	1.5	Fine-Stranded	8.3	16	13.3	○	● ● ●	100	Medium domestic appliances
3183B2.5	2.5	Fine-Stranded	10	25	7.98	○	● ● ●	100	Medium domestic appliances

Voltage: 300/500 V Min/Max Operating Temperature: -15°C/70°C Short Circuit Temperature: 160°C Minimum Bending Radius: 5xD

3183P 3 Core Round Flexible Pond

Weather-resistant cable for outdoor use with garden ponds.



Certifications: BASEC Approved HAR ISO 9001

Standards: BS EN 50525-2-21 H05RN-F (0.75mm) H07RN-F (1.5/2.5mm)

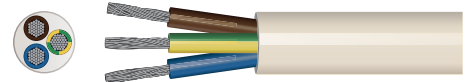
Product Code	Core Size mm	Type of Copper Conductor	Diameter mm	Current Capacity A	Max. Conductor Resistance at 20°C (Ohm/km)	Outer Sheath Colour	Inner Core Colour	Lengths or Cut-to-Length m	Usage
3183P0.75	0.75	Stranded	6.8	6	26	●	●●●	5, 10, 25, 50	Garden ponds
3183P1.5	1.5	Stranded	9.75	16	13.3	●	●●●	5, 10, 25, 50	
3183P2.5	2.5	Stranded	12	25	7.98	●	●●●	5, 10, 25, 50	

Voltage: 300/500 V Min/Max Operating Temperature: -35°C/60°C Short Circuit Temperature: 160°C Minimum Bending Radius: 8xD

3183TQ 3 Core Heat Resistant Butyl Flexible

Flexible cords suitable for use in domestic premises, kitchens and offices. Also suitable for use in hot situations such as immersion heaters.

Tinned copper conductors provide extra resistance to oil and grease.



Certifications: HAR ISO 9001

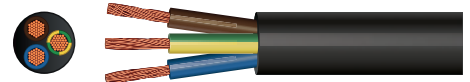
Standards: BS EN 50525-2-21 H05BN4-F

Product Code	Core Size mm	Type of Copper Conductor	Diameter mm	Current Capacity A	Max. Conductor Resistance at 20°C (Ohm/km)	Outer Sheath Colour	Inner Core Colour	Lengths or Cut-to-Length m	Usage
3183TQ0.75	0.75	Stranded	6.85	6	26	○	●●●	50, 100	Light duty appliances requiring heat and oil resistance
3183TQ1.0	1.0	Stranded	7.15	10	19.5	○	●●●	50, 100	Light duty appliances requiring heat and oil resistance
3183TQ1.5	1.5	Stranded	8.75	16	13.3	○	●●●	1, 5, 15, 50, 100	Medium duty appliances requiring heat and oil resistance
3183TQ2.5	2.5	Stranded	10.35	25	7.98	○	●●●	1, 5, 15, 50, 100	Medium duty appliances requiring heat and oil resistance

Voltage: 300/500 V Min/Max Operating Temperature: -35°C/90°C Short Circuit Temperature: 160°C Minimum Bending Radius: 8xD

3183TRS 3 Core Rubber Flexible

Tough rubber and flexible cord cable suitable for installing in damp environments where there is minimal risk of damage from machines. They are most commonly used in kitchen appliances such as washing machines or ovens.



Certifications: HAR ISO 9001

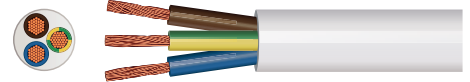
Standards: BS EN 50525-2-21 H05RR-F

Product Code	Core Size mm	Type of Copper Conductor	Diameter mm	Current Capacity A	Max. Conductor Resistance at 20°C (Ohm/km)	Outer Sheath Colour	Inner Core Colour	Lengths or Cut-to-Length m	Usage
3183TRS0.75	0.75	Stranded	6.85	6	26	●	●●●	50, 100	Small domestic appliances
3183TRS1.0	1.0	Stranded	7.15	10	19.5	●	●●●	50, 100	Small domestic appliances
3183TRS1.5	1.5	Stranded	8.75	16	13.3	●	●●●	50, 100	Medium domestic appliances
3183TRS2.5	2.5	Stranded	10.35	25	7.98	●	●●●	50, 100	Medium domestic appliances

Voltage: 300/500 V Min/Max Operating Temperature: -35°C/90°C Short Circuit Temperature: 160°C Minimum Bending Radius: 8xD

3183Y 3 Core Round Flexible

For use in household appliances such as washing machines, spin dryers and refrigerators. Generally unsuitable for outdoor use or industrial applications. Fine stranded copper core.



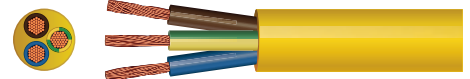
Certifications: BASEC Approved HAR ISO 9001
Standard: BS EN 50525-2-11

Product Code	Core Size mm	Type of Copper Conductor	Diameter mm	Current Capacity A	Max. Conductor Resistance at 20°C (Ohm/km)	Outer Sheath Colour	Inner Core Colour	Lengths or Cut-to-Length m	Usage
3183Y0.75	0.75	Fine-Stranded	6.7	6	26			5, 10, 16.5, 25, 50, 100	Small domestic appliances
3183Y1.0	1	Fine-Stranded	7	10	19.5			5, 10, 50, 100	Small domestic appliances
3183Y1.5	1.5	Fine-Stranded	8.3	16	13.3			2, 5, 10, 50, 100	Medium domestic appliances
3183Y2.5	2.5	Fine-Stranded	10.5	25	7.98			5, 10, 50, 100	Medium domestic appliances
3183Y4.0	4	Fine-Stranded	11.4	32	4.95			50, 100	Medium/large domestic appliances

Voltage: 300/500 V Min/Max Operating Temperature: -15°C/70°C Short Circuit Temperature: 160°C Minimum Bending Radius: 5xD

3183YA 3 Core Arctic Grade Flexible

Designed to withstand severe external temperatures remaining flexible at temperatures as low as -40°C, manufactured to BS 7919:2001, making them particularly suitable for outdoor applications and for use where flexibility is required at sub-zero temperatures. At normal temperatures the cable is very limp and flexible, offering some of the characteristics usually found in elastomeric cables. Fine stranded copper core and cold resistant polyvinylchloride outer sheath.



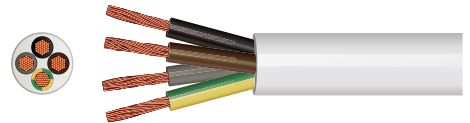
Certifications: BASEC Approved HAR ISO 9001
Standards: BS 6004 BS 7919:2001

Product Code	Core Size mm	Type of Copper Conductor	Diameter mm	Current Capacity A	Max. Conductor Resistance at 20°C (Ohm/km)	Outer Sheath Colour	Inner Core Colour	Lengths or Cut-to-Length m	Usage
3183YA1.5	1.5	Fine-Stranded	8.3	16	13.3			10, 25, 50, 100	Transformers and site lighting
3183YA2.5	2.5	Fine-Stranded	10	25	7.98			10, 25, 50, 100	Caravans and boats

Voltage: 300/500 V Min/Max Operating Temperature: -40°C/60°C Short Circuit Temperature: 160°C Minimum Bending Radius: 8xD

3184B 4 Core Round Flexible LSZH

Low Smoke Zero Halogen cable for use in household appliances such as washing machines, spin dryers and refrigerators. In particular for installation where fire, smoke emission and toxic fumes create a potential threat. Generally unsuitable for outdoor use or industrial applications. Fine stranded copper core. For some applications, the grey core is replaced by a blue core.



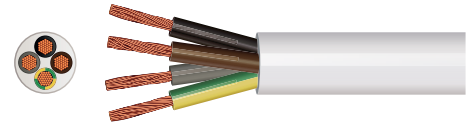
Certifications: BASEC Approved HAR ISO 9001
Standard: BS EN 50525-3-11

Product Code	Core Size mm	Type of Copper Conductor	Diameter mm	Current Capacity A	Max. Conductor Resistance at 20°C (Ohm/km)	Outer Sheath Colour	Inner Core Colour	Lengths or Cut-to-Length m	Usage
3184B0.75	0.75	Fine-Stranded	7.3	6	26			100	Household appliances
3184B1.0	1	Fine-Stranded	7.9	10	19.5			100	
3184B1.5	1.5	Fine-Stranded	9.3	16	13.3			100	

Voltage: 300/500 V Min/Max Operating Temperature: -15°C/70°C Short Circuit Temperature: 160°C Minimum Bending Radius: 5xD

3184Y 4 Core Round Flexible

For use in household appliances such as washing machines, spin dryers and refrigerators. Generally unsuitable for outdoor use or industrial applications. Fine stranded copper core. For some applications, the grey core is replaced by a blue core.



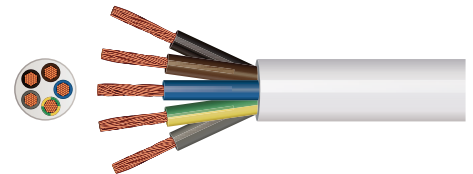
Certifications: BASEC Approved HAR ISO 9001
Standard: BS EN 50525-2-11

Product Code	Core Size mm	Type of Copper Conductor	Diameter mm	Current Capacity A	Max. Conductor Resistance at 20°C (Ohm/km)	Outer Sheath Colour	Inner Core Colour	Lengths or Cut-to-Length m	Usage
3184Y0.75	0.75	Fine-Stranded	7.3	6	26	○●	●●●●	50, 100	Heating controls
3184Y1.0	1	Fine-Stranded	7.9	10	19.5	○●	●●●●	5, 25, 50, 100	Heating controls
3184Y1.5	1.5	Fine-Stranded	9.3	16	13.3	○●	●●●●	5, 10, 50, 100	Ordinary duty portable appliances
3184Y2.5	2.5	Fine-Stranded	10.9	25	7.98	○●	●●●●	5, 10, 50, 100	Ordinary duty portable appliances

Voltage: 300/500 V Min/Max Operating Temperature: -15°C/70°C Short Circuit Temperature: 160°C Minimum Bending Radius: 5xD

3185B 5 Core Round Flexible LSZH

Low Smoke Zero Halogen cable for use in household appliances such as washing machines, spin dryers and refrigerators. In particular for installation where fire, smoke emission and toxic fumes create a potential threat. Generally unsuitable for outdoor use or industrial applications. Fine stranded copper core.



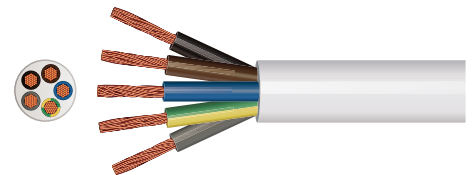
Certifications: BASEC Approved HAR ISO 9001
Standard: BS EN 50525-3-11

Product Code	Core Size mm	Type of Copper Conductor	Diameter mm	Current Capacity A	Max. Conductor Resistance at 20°C (Ohm/km)	Outer Sheath Colour	Inner Core Colour	Lengths or Cut-to-Length m	Usage
3185B0.75	0.75	Fine-Stranded	8.1	6	26	○●	●●●●●	100	Household appliances
3185B1.0	1	Fine-Stranded	8.6	10	19.5	○●	●●●●●	100	
3185B1.5	1.5	Fine-Stranded	10.3	16	13.3	○●	●●●●●	100	

Voltage: 300/500 V Min/Max Operating Temperature: -15°C/70°C Short Circuit Temperature: 160°C Minimum Bending Radius: 5xD

3185Y 5 Core Round Flexible

For use in household appliances such as washing machines, spin dryers and refrigerators. Generally unsuitable for outdoor use or industrial applications. Fine stranded copper core.



Certifications: BASEC Approved HAR ISO 9001
Standard: BS EN 50525-2-11

Product Code	Core Size mm	Type of Copper Conductor	Diameter mm	Current Capacity A	Max. Conductor Resistance at 20°C (Ohm/km)	Outer Sheath Colour	Inner Core Colour	Lengths or Cut-to-Length m	Minimum Bending Radius	Usage
3185Y0.75	0.75	Fine-Stranded	8.1	6	26	○	●●●●●	50, 100	5xD	Household appliances
3185Y1.0	1	Fine-Stranded	8.6	10	19.5	○	●●●●●	5, 10, 25, 50, 100	5xD	
3185Y1.5	1.5	Fine-Stranded	10.3	16	13.3	○	●●●●●	50, 100	5xD	
3185Y2.5	2.5	Fine-Stranded	12.1	25	7.95	○	●●●●●	50, 100	6xD	

Voltage: 300/500 V Maximum Operating Temperature: -15°C/70°C Short Circuit Temperature: 160°C Minimum Bending Radius: 5/6xD

Control Cables

- P2CY** 2 Core CY Control Flex
- P3CY** 3 Core CY Control Flex
- P4CY** 4 Core CY Control Flex
- P5CY** 5 Core CY Control Flex
- P7CY** 7 Core CY Control Flex
- P3SY** 3 Core SY Control Flex
- P4SY** 4 Core SY Control Flex

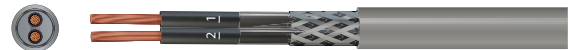
- P5SY** 5 Core SY Control Flex
- P2YY** 2 Core YY Control Flex
- P3YY** 3 Core YY Control Flex
- P4YY** 4 Core YY Control Flex
- P5YY** 5 Core YY Control Flex
- P7YY** 7 Core YY Control Flex
- P12YY** 12 Core YY Control Flex



CY Control Flex

Control cable suitable for measuring and monitoring of machinery in manufacturing, engineering and power stations, in heating or air conditioning, and other electrical systems in dry or damp interiors. These cables with copper screening are ideally suitable for interference free data and signal transmission in measuring and control technology. Flame Retardant according to IEC 60332-1. Tinned copper wire braiding for protection against electrical interference. IEC 60228. Number Coding according to VDE 0293. Fine stranded copper core.

P2CY 2 Core CY Control Flex

Control cable suitable for measuring and monitoring of machinery in manufacturing, engineering and power stations, in heating or air conditioning, and other electrical systems in dry or damp interiors. These cables with copper screening are ideally suitable for interference free data and signal transmission in measuring and control technology. Tinned copper wire braiding for protection from interference.



Certifications: ISO 9001  
Standard: BS EN 50525-2-11



Product Code	Core Size mm	Type of Copper Conductor	Diameter mm	Current Capacity A	Max. Conductor Resistance at 20°C (Ohm/km)	Outer Sheath Colour	Inner Core Colour	Lengths or Cut-to-Length m	Minimum Bending Radius	Usage
P2CY0.5	0.5	Fine-Stranded	6.5	13	39	●	① ②	1	4xD	Measuring, monitoring and control
P2CY0.75	0.75	Fine-Stranded	7	16	26	●	① ②	1,100	4xD	
P2CY1.0	1	Fine-Stranded	7.2	20	19.5	●	① ②	1,100	4xD	
P2CY1.5	1.5	Fine-Stranded	8	24	13.3	●	① ②	1,100	4xD	
P2CY2.5	2.5	Fine-Stranded	8.8	32	7.98	●	① ②	1	5xD	

Voltage: 300/500 V Min/Max Operating Temperature: -15°C/60°C Short Circuit Temperature: 150°C Minimum Bending Radius: 4/5xD

P3CY 3 Core CY Control Flex

Control cable suitable for measuring and monitoring of machinery in manufacturing, engineering and power stations, in heating or air conditioning, and other electrical systems in dry or damp interiors. These cables with copper screening are ideally suitable for interference free data and signal transmission in measuring and control technology. Tinned copper wire braiding for protection from interference.



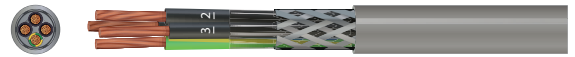
Certifications: ISO 9001  
Standard: BS EN 50525-2-11

Product Code	Core Size mm	Type of Copper Conductor	Diameter mm	Current Capacity A	Max. Conductor Resistance at 20°C (Ohm/km)	Outer Sheath Colour	Inner Core Colour	Lengths or Cut-to-Length m	Minimum Bending Radius	Usage
P3CY0.75	0.75	Fine-Stranded	7.3	16	26	●	① ② ③	1	4xD	Measuring, monitoring and control
P3CY1.0	1	Fine-Stranded	7.5	20	19.5	●	① ② ③	1	4xD	
P3CY1.5	1.5	Fine-Stranded	8.4	24	13.3	●	① ② ③	1,100	5xD	

Voltage: 300/500 V Min/Max Operating Temperature: -15°C/60°C Short Circuit Temperature: 150°C Minimum Bending Radius: 4/5xD

P4CY 4 Core CY Control Flex

Control cable suitable for measuring and monitoring of machinery in manufacturing, engineering and power stations, in heating or air conditioning, and other electrical systems in dry or damp interiors. These cables with copper screening are ideally suitable for interference free data and signal transmission in measuring and control technology. Tinned copper wire braiding for protection from interference.



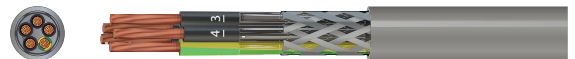
Certifications: ISO 9001
Standard: BS EN 50525-2-11

Product Code	Core Size mm	Type of Copper Conductor	Diameter mm	Current Capacity A	Max. Conductor Resistance at 20°C (Ohm/km)	Outer Sheath Colour	Inner Core Colour	Lengths or Cut-to-Length m	Minimum Bending Radius	Usage
P4CY0.5	0.5	Fine-Stranded	7.2	13	39	●	① ② ③ ●	1	4xD	Measuring, monitoring and control
P4CY0.75	0.75	Fine-Stranded	7.8	16	26	●	① ② ③ ●	1	4xD	
P4CY1.0	1	Fine-Stranded	8.3	20	19.5	●	① ② ③ ●	1	5xD	

Voltage: 300/500 V Min/Max Operating Temperature: -15°C/60°C Short Circuit Temperature: 150°C Minimum Bending Radius: 4/5xD

P5CY 5 Core CY Control Flex

Control cable suitable for measuring and monitoring of machinery in manufacturing, engineering and power stations, in heating or air conditioning, and other electrical systems in dry or damp interiors. These cables with copper screening are ideally suitable for interference free data and signal transmission in measuring and control technology. Tinned copper wire braiding for protection from interference.



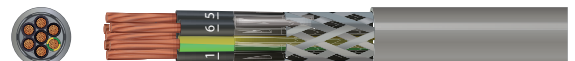
Certifications: ISO 9001
Standard: BS EN 50525-2-11

Product Code	Core Size mm	Type of Copper Conductor	Diameter mm	Current Capacity A	Max. Conductor Resistance at 20°C (Ohm/km)	Outer Sheath Colour	Inner Core Colour	Lengths or Cut-to-Length m	Usage
P5CY0.75	0.75	Fine-Stranded	8.7	16	26	●	① ② ③ ④ ●	1	Measuring, monitoring and control

Voltage: 300/500 V Min/Max Operating Temperature: -15°C/60°C Short Circuit Temperature: 150°C Minimum Bending Radius: 5xD

P7CY 7 Core CY Control Flex

Control cable suitable for measuring and monitoring of machinery in manufacturing, engineering and power stations, in heating or air conditioning, and other electrical systems in dry or damp interiors. These cables with copper screening are ideally suitable for interference free data and signal transmission in measuring and control technology. Tinned copper wire braiding for protection from interference.



Certifications: ISO 9001
Standard: BS EN 50525-2-11

Product Code	Core Size mm	Type of Copper Conductor	Diameter mm	Current Capacity A	Max. Conductor Resistance at 20°C (Ohm/km)	Outer Sheath Colour	Inner Core Colour	Lengths or Cut-to-Length m	Usage
P7CY0.75	0.75	Fine-Stranded	9.3	15	26	●	① ② ③ ④ ⑤ ⑥ ●	1, 100	Measuring, monitoring and control

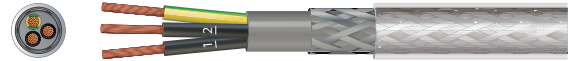
Voltage: 300/500 V Min/Max Operating Temperature: -15°C/60°C Short Circuit Temperature: 150°C Minimum Bending Radius: 5xD

SY Control Flex

Control cable suitable for measuring and monitoring of machinery in manufacturing, engineering and power stations, in heating or air conditioning, and other electrical systems in dry or damp interiors. Flame Retardant according to IEC 60332-1. Galvanised steel wire braiding for mechanical protection. IEC 60228. Number Coding according to VDE 0293. Fine stranded copper core. Clear outer sheath.

P3SY 3 Core SY Control Flex

Control cable suitable for measuring and monitoring of machinery in manufacturing, engineering and power stations, in heating or air conditioning, and other electrical systems in dry or damp interiors. Galvanised steel wire braiding for protection from mechanical damage.



Certifications: ISO 9001
Standard: BS EN 50525-2-11

Product Code	Core Size mm	Type of Copper Conductor	Diameter mm	Current Capacity A	Max. Conductor Resistance at 20°C (Ohm/km)	Outer Sheath Colour	Inner Core Colour	Lengths or Cut-to-Length m	Usage
P3SY1.5	1.5	Fine-Stranded	9.1	24	13.3	○ Clear	● 1 ● 2 ● 3	1, 100	Measuring, monitoring and control
P3SY2.5	2.5	Fine-Stranded	10	32	7.98	○ Clear	● 1 ● 2 ● 3	1, 100	

Voltage: 300/500 V Min/Max Operating Temperature: -15°C/60°C Short Circuit Temperature: 150°C Minimum Bending Radius: 5xD

P4SY 4 Core SY Control Flex

Control cable suitable for measuring and monitoring of machinery in manufacturing, engineering and power stations, in heating or air conditioning, and other electrical systems in dry or damp interiors. Galvanised steel wire braiding for protection from mechanical damage.



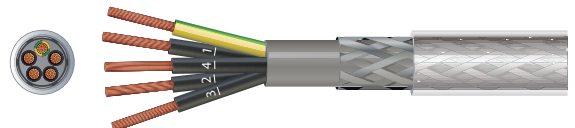
Certifications: ISO 9001
Standard: BS EN 50525-2-11

Product Code	Core Size mm	Type of Copper Conductor	Diameter mm	Current Capacity A	Max. Conductor Resistance at 20°C (Ohm/km)	Outer Sheath Colour	Inner Core Colour	Lengths or Cut-to-Length m	Usage
P4SY1.0	1	Fine-Stranded	9	20	19.5	○ Clear	● 1 ● 2 ● 3 ● 4	1	Measuring, monitoring and control
P4SY1.5	1.5	Fine-Stranded	9.7	24	13.3	○ Clear	● 1 ● 2 ● 3 ● 4	1, 100	
P4SY2.5	2.5	Fine-Stranded	10.7	32	7.98	○ Clear	● 1 ● 2 ● 3 ● 4	1, 100	

Voltage: 300/500 V Min/Max Operating Temperature: -15°C/60°C Short Circuit Temperature: 150°C Minimum Bending Radius: 5xD

P5SY 5 Core SY Control Flex

Control cable suitable for measuring and monitoring of machinery in manufacturing, engineering and power stations, in heating or air conditioning, and other electrical systems in dry or damp interiors. Galvanised steel wire braiding for protection from mechanical damage.



Certifications: ISO 9001
Standard: BS EN 50525-2-11

Product Code	Core Size mm	Type of Copper Conductor	Diameter mm	Current Capacity A	Max. Conductor Resistance at 20°C (Ohm/km)	Outer Sheath Colour	Inner Core Colour	Lengths or Cut-to-Length m	Usage
P5SY1.5	1.5	Fine-Stranded	10.5	24	13.3	○ Clear	● 1 ● 2 ● 3 ● 4 ● 5	1, 100	Measuring, monitoring and control
P5SY2.5	2.5	Fine-Stranded	11.6	32	7.98	○ Clear	● 1 ● 2 ● 3 ● 4 ● 5	1, 100	

Voltage: 300/500 V Min/Max Operating Temperature: -15°C/60°C Short Circuit Temperature: 150°C Minimum Bending Radius: 5xD



YY Control Flex

Control cable suitable for measuring and monitoring of machinery in manufacturing, engineering and power stations, in heating or air conditioning, and other electrical systems in dry or damp interiors. Flame Retardant according to IEC 60332-1. IEC 60228. Number Coding according to VDE 0293. Fine stranded copper core. Grey outer sheath.

P2YY 2 Core YY Control Flex

Control cable suitable for measuring and monitoring of machinery in manufacturing, engineering and power stations, in heating or air conditioning, and other electrical systems in dry or damp interiors. Fine stranded copper core. Grey outer sheath.



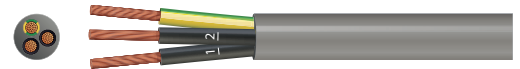
Certifications: ISO 9001  
Standard: BS 50525-2-11



Product Code	Core Size mm	Type of Copper Conductor	Diameter mm	Current Capacity A	Max. Conductor Resistance at 20°C (Ohm/km)	Outer Sheath Colour	Inner Core Colour	Lengths or Cut-to-Length m	Usage
P2YY0.5	0.5	Fine-Stranded	5	8	39	●	① ②	1	Measuring, monitoring and control
P2YY0.75	0.75	Fine-Stranded	5.5	14	26	●	① ②	1, 100	
P2YY1.0	1	Fine-Stranded	5.8	16	19.5	●	① ②	1, 100	
P2YY1.5	1.5	Fine-Stranded	6.6	18	13.3	●	① ②	1, 100	
P2YY2.5	2.5	Fine-Stranded	7.4	25	7.98	●	① ②	1	

Voltage: 300/500 V Min/Max Operating Temperature: -15°C/60°C Short Circuit Temperature: 150°C Minimum Bending Radius: 10xD

P3YY 3 Core YY Control Flex

Control cable suitable for measuring and monitoring of machinery in manufacturing, engineering and power stations, in heating or air conditioning, and other electrical systems in dry or damp interiors. Fine stranded copper core. Grey outer sheath.



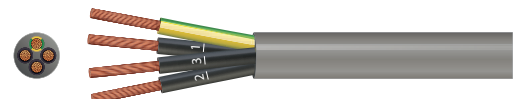
Certifications: ISO 9001  
Standard: BS 50525-2-11



Product Code	Core Size mm	Type of Copper Conductor	Diameter mm	Current Capacity A	Max. Conductor Resistance at 20°C (Ohm/km)	Outer Sheath Colour	Inner Core Colour	Lengths or Cut-to-Length m	Usage
P3YY0.75	0.75	Fine-Stranded	5.8	14	26	●	① ② ③	1	Measuring, monitoring and control
P3YY1.0	1	Fine-Stranded	6.2	16	19.5	●	① ② ③	1	
P3YY1.5	1.5	Fine-Stranded	7	18	13.3	●	① ② ③	1, 100	
P3YY2.5	2.5	Fine-Stranded	8.1	25	7.98	●	① ② ③	1, 100	

Voltage: 300/500 V Min/Max Operating Temperature: -15°C/60°C Short Circuit Temperature: 150°C Minimum Bending Radius: 10xD

P4YY 4 Core YY Control Flex

Control cable suitable for measuring and monitoring of machinery in manufacturing, engineering and power stations, in heating or air conditioning, and other electrical systems in dry or damp interiors. Fine stranded copper core. Grey outer sheath.



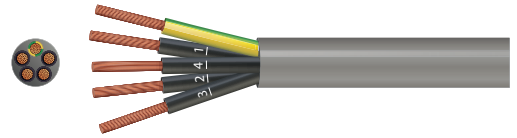
Certifications: ISO 9001  
Standard: BS 50525-2-11

Product Code	Core Size mm	Type of Copper Conductor	Diameter mm	Current Capacity A	Max. Conductor Resistance at 20°C (Ohm/km)	Outer Sheath Colour	Inner Core Colour	Lengths or Cut-to-Length m	Usage
P4YY0.75	0.75	Fine-Stranded	6.4	14	26	●	① ② ③ ④	1, 100	Measuring, monitoring and control
P4YY1.0	1	Fine-Stranded	6.9	16	19.5	●	① ② ③ ④	1	
P4YY1.5	1.5	Fine-Stranded	7.7	18	13.3	●	① ② ③ ④	1, 100	

Voltage: 300/500 V Min/Max Operating Temperature: -15°C/60°C Short Circuit Temperature: 150°C Minimum Bending Radius: 10xD

P5YY 5 Core YY Control Flex

Control cable suitable for measuring and monitoring of machinery in manufacturing, engineering and power stations, in heating or air conditioning, and other electrical systems in dry or damp interiors. Fine stranded copper core. Grey outer sheath.



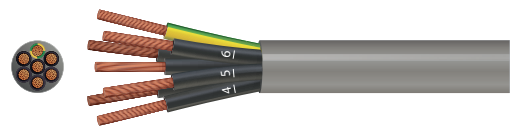
Certifications: ISO 9001
Standard: BS 50525-2-11

Product Code	Core Size mm	Type of Copper Conductor	Diameter mm	Current Capacity A	Max. Conductor Resistance at 20°C (Ohm/km)	Outer Sheath Colour	Inner Core Colour	Lengths or Cut-to-Length m	Usage
P5YY1.5	1.5	Fine-Stranded	9	14	13.3	●	① ② ③ ④ ⑤	1	Measuring, monitoring and control

Voltage: 300/500 V Min/Max Operating Temperature: -15°C/60°C Short Circuit Temperature: 150°C Minimum Bending Radius: 10xD

P7YY 7 Core YY Control Flex

Control cable suitable for measuring and monitoring of machinery in manufacturing, engineering and power stations, in heating or air conditioning, and other electrical systems in dry or damp interiors. Fine stranded copper core. Grey outer sheath.



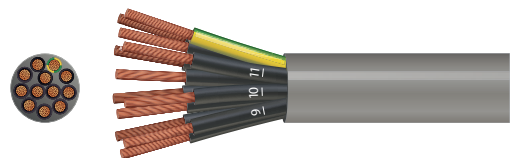
Certifications: ISO 9001
Standard: BS 50525-2-11

Product Code	Core Size mm	Type of Copper Conductor	Diameter mm	Current Capacity A	Max. Conductor Resistance at 20°C (Ohm/km)	Outer Sheath Colour	Inner Core Colour	Lengths or Cut-to-Length m	Usage
P7YY0.75	0.75	Fine-Stranded	8.1	9	26	●	① ② ③ ④ ⑤ ⑥ ⑦	1, 100	Measuring, monitoring and control
P7YY1.0	1	Fine-Stranded	8.9	10	19.5	●	① ② ③ ④ ⑤ ⑥ ⑦	1	

Voltage: 300/500 V Min/Max Operating Temperature: -15°C/60°C Short Circuit Temperature: 150°C Minimum Bending Radius: 10xD

P12YY 12 Core YY Control Flex

Control cable suitable for measuring and monitoring of machinery in manufacturing, engineering and power stations, in heating or air conditioning, and other electrical systems in dry or damp interiors. Fine stranded copper core. Grey outer sheath.



Certifications: ISO 9001
Standard: BS 50525-2-11

Product Code	Core Size mm	Type of Copper Conductor	Diameter mm	Current Capacity A	Max. Conductor Resistance at 20°C (Ohm/km)	Outer Sheath Colour	Inner Core Colour	Lengths or Cut-to-Length m	Usage
P12YY0.75	0.75	Fine-Stranded	12.8	7	26	●	① ② ③ ④ ⑤ ⑥ ⑦ ⑧ ⑨ ⑩ ⑪ ⑫	1	Measuring, monitoring and control

Voltage: 300/500 V Min/Max Operating Temperature: -15°C/60°C Short Circuit Temperature: 150°C Minimum Bending Radius: 10xD

Armoured Cables

Steel Wire Armoured (SWA) power and auxiliary control cables for use wherever there is risk of mechanical stress or mechanical damage, including underground and outdoors. The armour is used to reduce any risk of the cable getting pinched or damaged; the steel is used to protect the armoured cable. Suitable for direct burial use as well as surface clipping, trays, baskets, and free air.

6943X 3 Core Steel Wire Armoured

3 Core Steel Wire Armoured (SWA) power and auxiliary control cables for use wherever there is risk of mechanical stress or mechanical damage, including underground and outdoors. Suitable for direct burial use as well as surface clipping, trays, baskets, and free air.



Certifications: BASEC Approved   ISO 9001
Standard: BS 5467



Product Code	Core Size mm	Type of Copper Conductor	Diameter mm	Current Capacity A	Max. Conductor Resistance at 20°C (Ohm/km)	Outer Sheath Colour	Inner Core Colour	Lengths or Cut-to-Length m	Usage
6943X1.5	1.5	Stranded	11.5	23	12.1	●	● ● ●	10, 25, 100, 200	Outdoor lights
6943X2.5	2.5	Stranded	13.5	31	7.41	●	● ● ●	10, 25, 100, 150, 200	Outdoor power
6943X4.0	4.0	Stranded	14.5	42	4.61	●	● ● ●	100, 200	Outdoor power
6943X6.0	6.0	Stranded	15.5	53	3.08	●	● ● ●	100, 200	Outdoor power
6943X10.0	10.0	Stranded	18	73	1.83	●	● ● ●	100, 200	Outdoor power
6943X16.0	16.0	Stranded	29	94	1.15	●	● ● ●	100, 200	Outdoor power

Voltage: 600/1000 V Min/Max Operating Temperature: -20°C/90°C Short Circuit Temperature: 250°C Minimum Bending Radius: 8xD

6944X 4 Core Steel Wire Armoured

4 Core Steel Wire Armoured (SWA) power and auxiliary control cables for use wherever there is risk of mechanical stress or mechanical damage, including underground and outdoors. Suitable for direct burial use as well as surface clipping, trays, baskets, and free air.



Certifications: BASEC Approved   ISO 9001
Standard: BS 5467

Product Code	Core Size mm	Type of Copper Conductor	Diameter mm	Current Capacity A	Max. Conductor Resistance at 20°C (Ohm/km)	Outer Sheath Colour	Inner Core Colour	Lengths or Cut-to-Length m	Usage
6944X1.5	1.5	Stranded	12.5	27	12.1	●	● ● ● ●	100, 200	Outdoor lights
6944X2.5	2.5	Stranded	14	36	7.41	●	● ● ● ●	100, 200	Outdoor power
6944X4.0	4.0	Stranded	15.5	49	4.61	●	● ● ● ●	100, 200	Outdoor power
6944X6.0	6.0	Stranded	17.5	62	3.08	●	● ● ● ●	100, 200	Outdoor power
6944X10.0	10.0	Stranded	19.5	85	1.83	●	● ● ● ●	100, 200	Outdoor power
6944X16.0	16.0	Stranded	21.5	110	1.15	●	● ● ● ●	100, 200	Outdoor power

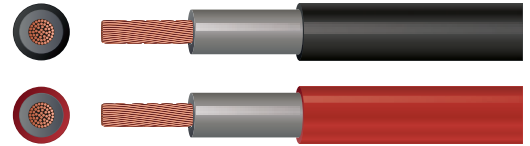
Voltage: 600/1000 V Min/Max Operating Temperature: -20°C/90°C Short Circuit Temperature: 250°C Minimum Bending Radius: 8xD

Solar Cables

Specially designed to be used in photovoltaic power systems. These cables are highly UV radiation resistant and operate in a wide range of ambient temperatures (usually from -40°C up to +90°C). They are weather resistant and guarantee long-life operation.

SOLAR4 Solar Cable

Specially designed to be used in photovoltaic power systems. These cables are highly UV radiation resistant and operate in a wide range of ambient temperatures (usually from -40°C up to +90°C). They are weather resistant and guarantee long-life operation.



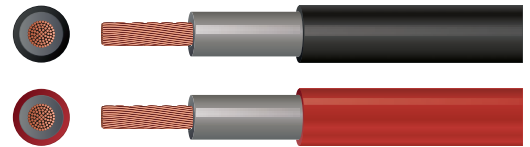
Certifications: ISO 9001
Standard: EN 50618

Product Code	Core Size mm	Type of Tinned Copper Conductor	Diameter mm	Current Capacity A	Max. Conductor Resistance at 20°C (Ohm/km)	Outer Sheath Colour	Lengths or Cut-to-Length m	Usage
SOLAR4	4	Fine-Stranded	5.6	55	5.09		100, 500	Photovoltaic power systems

AC Voltage: **1000/1000 V** DC Voltage: **1500/1500 V** Min/Max Operating Temperature: **-40°C/90°C**
Short Circuit Temperature: **200°C** Minimum Bending Radius: **5xD**

SOLAR6 Solar Cable

Specially designed to be used in photovoltaic power systems. These cables are highly UV radiation resistant and operate in a wide range of ambient temperatures (usually from -40°C up to +90°C). They are weather resistant and guarantee long-life operation.



Certifications: ISO 9001
Standard: EN 50618

Product Code	Core Size mm	Type of Tinned Copper Conductor	Diameter mm	Current Capacity A	Max. Conductor Resistance at 20°C (Ohm/km)	Outer Sheath Colour	Lengths or Cut-to-Length m	Usage
SOLAR6	6	Fine-Stranded	6.1	70	3.39		100, 500	Photovoltaic power systems

AC Voltage: **1000/1000 V** DC Voltage: **1500/1500 V** Min/Max Operating Temperature: **-40°C/90°C**
Short Circuit Temperature: **200°C** Minimum Bending Radius: **5xD**

Firecross Fire Resistant Cables

2CFC 2 Core + CPC Firecross Cable

2CEFC 2 Core + CPC Enhanced Firecross Cable

3CFC 3 Core + CPC Firecross Cable

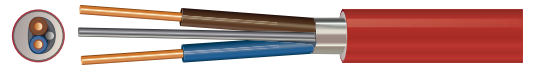
4CFC 4 Core + CPC Firecross Cable


4CEFC 4 Core + CPC Enhanced Firecross Cable

These cables ensure that emergency systems in buildings continue to operate in extreme fire conditions. The range is designed for fire-resistant applications including fire alarms, voice communication systems, emergency lighting systems, air conditioning and lift doors.

2CFC 2 Core + CPC Firecross Cable

Fire-resistant cables for fire alarms, voice communication systems, emergency lighting systems, air conditioning and lift doors.



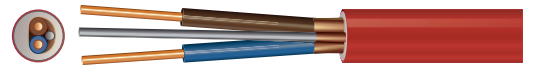
Standard: BS 7629-1 Standard 60 

Product Code	Core Size mm	Type of Copper Conductor	Diameter mm	Current Capacity A	Max. Conductor Resistance at 20°C (Ohm/km)	Outer Sheath Colour	Inner Core Colour	Lengths or Cut-to-Length m	Usage
2CFC1.5	1.5	Solid	7.85	19.5	12.1	● ○ ●	● ●	100	Fire alarms, emergency lighting and critical systems
2CFC2.5	2.5	Solid	9.20	27	7.41	● ○ ●	● ●	100	
2CFC4.0	4.0	Solid	11.90	36	4.61	● ○	● ●	100	

Voltage: 300/500 V Min/Max Operating Temperature: -40°C/90°C Short Circuit Temperature: 250°C Minimum Bending Radius: 6xD

2CEFC 2 Core + CPC Enhanced Firecross Cable

Fire-resistant cables for fire alarms, voice communication systems, emergency lighting systems, air conditioning and lift doors.



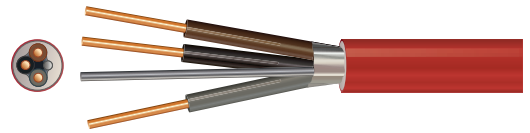
Standard: BS 7629-1 Enhanced 120 

Product Code	Core Size mm	Type of Copper Conductor	Diameter mm	Current Capacity A	Max. Conductor Resistance at 20°C (Ohm/km)	Outer Sheath Colour	Inner Core Colour	Lengths or Cut-to-Length m	Usage
2CEFC1.5	1.5	Solid	8.25	19.5	12.1	●	● ●	100	Fire alarms, emergency lighting and critical systems

Voltage: 300/500 V Min/Max Operating Temperature: -40°C/90°C Short Circuit Temperature: 250°C Minimum Bending Radius: 6xD

3CFC 3 Core + CPC Firecross Cable

Fire-resistant cables for fire alarms, voice communication systems, emergency lighting systems, air conditioning and lift doors.



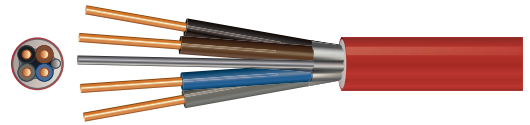
Standard: BS 7629-1 Standard 60

Product Code	Core Size mm	Type of Copper Conductor	Diameter mm	Current Capacity A	Max. Conductor Resistance at 20°C (Ohm/km)	Outer Sheath Colour	Inner Core Colour	Lengths or Cut-to-Length m	Usage
3CFC1.5	1.5	Solid	8.8	19.5	12.1	● ○	● ● ●	100	Fire alarms, emergency lighting and critical systems
3CFC2.5	2.5	Solid	9.7	27	7.41	● ○	● ● ●	100	

Voltage: 300/500 V Min/Max Operating Temperature: -40°C/90°C Short Circuit Temperature: 250°C Minimum Bending Radius: 6xD

4CFC 4 Core + CPC Firecross Cable

Fire-resistant cables for fire alarms, voice communication systems, emergency lighting systems, air conditioning and lift doors.



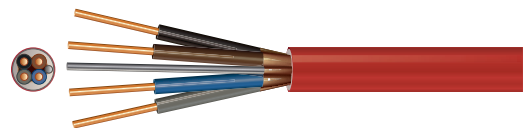
Standard: BS 7629-1 Standard 60

Product Code	Core Size mm	Type of Copper Conductor	Diameter mm	Current Capacity A	Max. Conductor Resistance at 20°C (Ohm/km)	Outer Sheath Colour	Inner Core Colour	Lengths or Cut-to-Length m	Usage
4CFC1.5	1.5	Solid	9.40	19.5	12.1	● ○	● ● ● ●	100	Fire alarms, emergency lighting and critical systems
4CFC2.5	2.5	Solid	11.60	27	7.41	● ○	● ● ● ●	100	

Voltage: 300/500 V Min/Max Operating Temperature: -40°C/90°C Short Circuit Temperature: 250°C Minimum Bending Radius: 6xD

4CEFC 4 Core + CPC Enhanced Firecross Cable

Fire-resistant cables for fire alarms, voice communication systems, emergency lighting systems, air conditioning and lift doors.



Standard: BS 7629-1 Standard 60

Product Code	Core Size mm	Type of Copper Conductor	Diameter mm	Current Capacity A	Max. Conductor Resistance at 20°C (Ohm/km)	Outer Sheath Colour	Inner Core Colour	Lengths or Cut-to-Length m	Usage
4CEFC1.5	1.5	Solid	9.70	19.5	4.61	●	● ● ● ●	100	Fire alarms, emergency lighting and critical systems

Voltage: 300/500 V Min/Max Operating Temperature: -40°C/90°C Short Circuit Temperature: 250°C Minimum Bending Radius: 6xD

Low Voltage Cables

- ALARM CU 4 Core** Alarm Cable
- ALARM CU 6 Core** Alarm Cable
- ALARM CU 8 Core** Alarm Cable
- COAX** Coaxial Cable
- RG59** Coaxial Cable
- SAT** Satellite Cable
- TWINSAT** Satellite Cable (Twin)

- CW2P** 4 Core 2 Pair Telephone Flex
- CW3P** 6 Core 3 Pair Telephone Flex
- CW4P** 8 Core 4 Pair Telephone Flex
- CW6P** 12 Core 6 Pair Telephone Flex
- BELL** Bell Wire
- SP** Figure 8 Speaker Cable

ALARM CU 4 Core Alarm Cable

Four-core alarm cables for indoor alarm systems. Our alarm cables are stranded tinned copper wire with PVC insulation according to BS 4737. The cores are twisted in layers. All cables have a white PVC outer jacket.



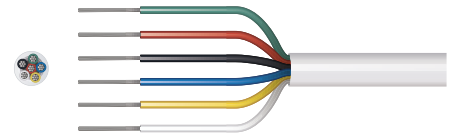
Certifications: ISO 9001
Standard: UL758 BS 4737

Product Code	Core Size mm	Type of Copper Conductor	Diameter mm	Max. Conductor Resistance at 20°C (Ohm/km)	Outer Sheath Colour	Inner Core Colour	Lengths or Cut-to-Length m	Usage
ALARM CU 4 CORE	0.19	Stranded Tinned Copper	3.4	94.2	○	●●●●	100	Indoor alarm systems

Voltage: 30 V Min/Max Operating Temperature: -20°C/80°C Short Circuit Temperature: 80°C Minimum Bending Radius: 50mm

ALARM CU 6 Core Alarm Cable

Six-core alarm cables for indoor alarm systems. Our alarm cables are stranded tinned copper wire with PVC insulation according to BS 4737. The cores are twisted in layers. All cables have a white PVC outer jacket.



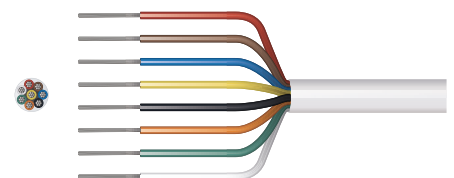
Certifications: ISO 9001
Standard: UL758 BS 4737

Product Code	Core Size mm	Type of Copper Conductor	Diameter mm	Max. Conductor Resistance at 20°C (Ohm/km)	Outer Sheath Colour	Inner Core Colour	Lengths or Cut-to-Length m	Usage
ALARM CU 6 CORE	0.19	Stranded Tinned Copper	4	94.2	○	●●●●●○	100	Indoor alarm systems

Voltage: 30 V Min/Max Operating Temperature: -20°C/80°C Short Circuit Temperature: 80°C Minimum Bending Radius: 60mm

ALARM CU 8 Core Alarm Cable

Eight-core alarm cables for indoor alarm systems. Our alarm cables are stranded tinned copper wire with PVC insulation according to BS 4737. The cores are twisted in layers. All cables have a white PVC outer jacket.



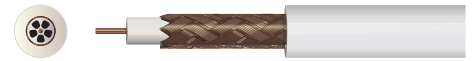
Certifications: ISO 9001
Standard: UL758 BS 4737

Product Code	Core Size mm	Type of Copper Conductor	Diameter mm	Max. Conductor Resistance at 20°C (Ohm/km)	Outer Sheath Colour	Inner Core Colour	Lengths or Cut-to-Length m	Usage
ALARM CU 8 CORE	0.19	Stranded Tinned Copper	4.4	94.2	○	●●●●●●○○	100	Indoor alarm systems

Voltage: 30 V Min/Max Operating Temperature: -20°C/80°C Short Circuit Temperature: 80°C Minimum Bending Radius: 65mm

COAX Coaxial Cable

Used for indoor distributions of CATV networks and connections of SMATV systems which require low attenuations and high screening. 75 Ohm.



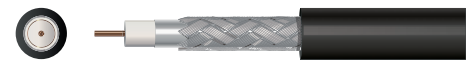
Certifications: ISO 9001
Standard: EN 13501-6:2014

Product Code	Core Size mm	Type of Copper Conductor	Diameter mm	Max. Conductor Resistance at 20°C (Ohm/km)	Outer Sheath Colour	Lengths or Cut-to-Length m	Usage
COAX	1.02	Copper Clad Steel	6.8	75	○●	100	Professional TV and CCTV systems, satellite, terrestrial and cable TV

Voltage: 30 V Min/Max Operating Temperature: -10°C/70°C Short Circuit Temperature: 100°C Minimum Bending Radius: 15xD

RG59 Coaxial Cable

Used for indoor distributions of CATV networks and connections of SMATV systems which require low attenuations and high screening. 44 Ohm.



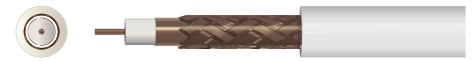
Certifications: ISO 9001
Standard: EN 13501-6:2014

Product Code	Core Size mm	Type of Copper Conductor	Diameter mm	Max. Conductor Resistance at 20°C (Ohm/km)	Outer Sheath Colour	Lengths or Cut-to-Length m	Usage
RG59	1	Copper Clad Steel	6	75	●	100	Low-power video and RF signal connections

Voltage: 30 V Min/Max Operating Temperature: -10°C/70°C Short Circuit Temperature: 100°C Minimum Bending Radius: 15xD

SAT Satellite Cable

Used for indoor distributions of CATV networks and connections of SMATV systems which require low attenuations and high screening. 75 Ohm.



Certifications: ISO 9001
Standard: EN 50117

Product Code	Core Size mm	Type of Copper Conductor	Diameter mm	Max. Conductor Resistance at 20°C (Ohm/km)	Outer Sheath Colour	Lengths or Cut-to-Length m	Usage
SAT	1.02	Solid Copper	6.8	21.8	○●	5, 100, 250	Professional TV and CCTV systems, satellite, terrestrial and cable TV

Voltage: 30 V Min/Max Operating Temperature: -20°C/80°C Short Circuit Temperature: 80°C Minimum Bending Radius: 15xD

TWINSAT Satellite Cable (Twin)

Used for indoor distributions of CATV networks and connections of SMATV systems which require low attenuations and high screening. 75 Ohm. Also known as Shotgun Cable.



Certifications: ISO 9001
Standard: EN 13501-6:2014

Product Code	Core Size mm	Type of Copper Conductor	Diameter mm	Max. Conductor Resistance at 20°C (Ohm/km)	Outer Sheath Colour	Lengths or Cut-to-Length m	Usage
TWINSAT	1.02	Solid Copper	6.8	75	○	25	Professional TV and CCTV systems, satellite, terrestrial and cable TV

Voltage: 30 V Min/Max Operating Temperature: -10°C/70°C Short Circuit Temperature: 100°C Minimum Bending Radius: 15xD

CW2P 4 Core 2 Pair Telephone Flex

Cables primarily designed for the interconnection of telephone equipment which is installed indoors. In addition these cables may be used for the interconnection of other communication and control equipment or low level signalling applications.



Certifications: ISO 9001  
Standard: UL758


Product Code	Core Size mm	Type of Conductor	Diameter mm	Max. Conductor Resistance at 20°C (Ohm/km)	Outer Sheath Colour	Lengths or Cut-to-Length m	Usage
CW2P	1/0.5	Tinned Copper	0.9	93.25	○	10, 100	Telephones

Voltage: 30 V Min/Max Operating Temperature: -20°C/80°C Short Circuit Temperature: 80°C Minimum Bending Radius: 15xD

CW3P 6 Core 3 Pair Telephone Flex

Cables primarily designed for the interconnection of telephone equipment which is installed indoors. In addition these cables may be used for the interconnection of other communication and control equipment or low level signalling applications.



Certifications: ISO 9001  
Standard: UL758

Product Code	Core Size mm	Type of Conductor	Diameter mm	Max. Conductor Resistance at 20°C (Ohm/km)	Outer Sheath Colour	Lengths or Cut-to-Length m	Usage
CW3P	1/0.5	Tinned Copper	0.9	93.25	○	100	Telephones

Voltage: 30 V Min/Max Operating Temperature: -20°C/80°C Short Circuit Temperature: 80°C Minimum Bending Radius: 15xD

CW4P 8 Core 4 Pair Telephone Flex

Cables primarily designed for the interconnection of telephone equipment which is installed indoors. In addition these cables may be used for the interconnection of other communication and control equipment or low level signalling applications.



Certifications: ISO 9001  
Standard: UL758



Product Code	Core Size mm	Type of Conductor	Diameter mm	Max. Conductor Resistance at 20°C (Ohm/km)	Outer Sheath Colour	Lengths or Cut-to-Length m	Usage
CW4P	1/0.5	Tinned Copper	0.9	93.25	○	100	Telephones

Voltage: 30 V Min/Max Operating Temperature: -20°C/80°C Short Circuit Temperature: 80°C Minimum Bending Radius: 15xD

CW6P 12 Core 6 Pair Telephone Flex

Cables primarily designed for the interconnection of telephone equipment which is installed indoors. In addition these cables may be used for the interconnection of other communication and control equipment or low level signalling applications.



Certifications: ISO 9001  
Standard: UL758

Product Code	Core Size mm	Type of Conductor	Diameter mm	Max. Conductor Resistance at 20°C (Ohm/km)	Outer Sheath Colour	Lengths or Cut-to-Length m	Usage
CW6P	1/0.5	Tinned Copper	0.9	93.25	○	100	Telephones

Voltage: 30 V Min/Max Operating Temperature: -20°C/80°C Short Circuit Temperature: 80°C Minimum Bending Radius: 15xD

BELL Bell Wire

For doorbell and buzzer systems. Cable supplied with red tracer.



Certifications: ISO 9001  
Standard: UL758

Product Code	Core Size mm	Type of Conductor	Max. Diameter mm	Max. Conductor Resistance at 20°C (Ohm/km)	Outer Sheath Colour	Lengths or Cut-to-Length m	Usage
BELL	1/0.55	Bare Copper	1.6 x 3.3	89.5	○	10, 100	Doorbell and buzzer systems

Voltage: 30 V Min/Max Operating Temperature: -20°C/80°C Short Circuit Temperature: 80°C Minimum Bending Radius: 15xD

SP Figure 8 Speaker Flex Cable

For audio installations.



Certifications: ISO 9001  
Standard: UL758

Product Code	Strands	Type of Conductor	Core Size mm	Max. Diameter mm	Max. Conductor Resistance at 20°C (Ohm/km)	Outer Sheath Colour	Lengths or Cut-to-Length m	Minimum Bending Radius	Usage
SP13	13	Bare Copper	13/0.2	2.1 x 4.3	60.7	○	10, 100	35mm	Audio installations
SP24	24	Bare Copper	24/0.2	2.4 x 4.8	24.5	○	10	40mm	
SP28	28	Bare Copper	28/0.2	2.6 x 5.2	20.1	○	10	45mm	
SP42	42	Bare Copper	42/0.2	3.0 x 6.0	13.2	○	100	50mm	
SP47	47	Bare Copper	47/0.2	3.2 x 6.4	11.8	○	10	54mm	
SP79	79	Bare Copper	79/0.2	3.5 x 7.0	8.5	○	25	55mm	

Voltage: 30 V Min/Max Operating Temperature: -20°C/80°C Short Circuit Temperature: 80°C Minimum Bending Radius: 35/55mm

Data Cables

CAT5e-PVC UTP PVC Data Cable

CAT5e LSZH Data Cable

CAT6 UTP PVC Data Cable

CAT6e LSZH Data Cable

CAT6A LSZH Data Cable


CAT5e UTP PVC Data Cable

PVC sheath cable with colour coded cores twisted in pairs. For indoor use. Suitable for networking applications.



Certifications: ISO 9001  

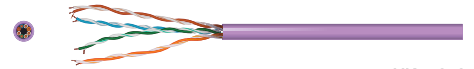
Standard: TIA/EIA 568C


Product Code	Core Size mm	Type of Copper Conductor	Diameter mm	Max. Conductor Resistance at 20°C (Ohm/km)	Outer Sheath Colour	Inner Core Colour	Lengths or Cut-to-Length m	Usage
CAT5e-PVC	0.49	Bare Copper	5.1	9.5	●		305	Networking applications

Voltage: 30 V Min/Max Operating Temperature: -20°C/60°C Short Circuit Temperature: 100°C Minimum Bending Radius: 8xD


CAT5e LSZH Data Cable

Low Smoke Zero Halogen sheath cable with colour coded cores twisted in pairs. For indoor use. Suitable for networking applications.



Certifications: ISO 9001  

Standards: TIA/EIA 568C EN60754-1-2 EN61034

Product Code	Core Size mm	Type of Copper Conductor	Diameter mm	Max. Conductor Resistance at 20°C (Ohm/km)	Outer Sheath Colour	Inner Core Colour	Lengths or Cut-to-Length m	Usage
CAT5e-LSZH	0.49	Bare Copper	5.2	9.5	●		305	Networking applications

Voltage: 30 V Min/Max Operating Temperature: -20°C/60°C Short Circuit Temperature: 100°C Minimum Bending Radius: 8xD


CAT6 UTP PVC Data Cable

PVC sheath cable with colour coded cores twisted in pairs. For indoor use. Suitable for high speed 10-Gigabit Ethernet networking applications.



Certifications: ISO 9001  

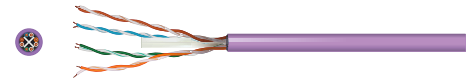
Standard: TIA/EIA 568C

Product Code	Core Size mm	Type of Copper Conductor	Diameter mm	Max. Conductor Resistance at 20°C (Ohm/km)	Outer Sheath Colour	Inner Core Colour	Lengths or Cut-to-Length m	Usage
CAT6-PVC	0.55	Bare Copper	6.3	9.5	●		305	10-Gigabit Ethernet networking applications

Voltage: 30 V Min/Max Operating Temperature: -20°C/60°C Short Circuit Temperature: 100°C Minimum Bending Radius: 8xD



CAT6e LSZH Data Cable

Low Smoke Zero Halogen sheath cable with colour coded cores twisted in pairs. For indoor use. Suitable for high speed 10-Gigabit Ethernet networking applications.



Certifications: ISO 9001  

Standards: TIA/EIA 568C EN60754-1-2 EN61034


Product Code	Core Size mm	Type of Copper Conductor	Diameter mm	Max. Conductor Resistance at 20°C (Ohm/km)	Outer Sheath Colour	Inner Core Colour	Lengths or Cut-to-Length m	Usage
CAT6e-LSZH	0.55	Bare Copper	6.4	9.5			305	10-Gigabit Ethernet networking applications

Voltage: 30 V Min/Max Operating Temperature: -20°C/60°C Short Circuit Temperature: 100°C Minimum Bending Radius: 8xD



CAT6A LSZH Data Cable

Low Smoke Zero Halogen Cat6A cables have a bandwidth of 500Mhz and are required to support data transmission rates of 10-Gigabit Ethernet. Their larger diameter conductors make them ideal for high power 'Power over Ethernet' (PoE) applications.



Certifications: ISO 9001  

Standards: TIA/EIA 568C EN60754-1-2 EN61034

Product Code	Core Size mm	Type of Copper Conductor	Diameter mm	Max. Conductor Resistance at 20°C (Ohm/km)	Outer Sheath Colour	Inner Core Colour	Lengths or Cut-to-Length m	Usage
CAT6A-LSZH	0.585	Bare Copper	7.5	9.5			305	10-Gigabit Ethernet networking applications

Voltage: 30 V Min/Max Operating Temperature: -20°C/60°C Short Circuit Temperature: 100°C Minimum Bending Radius: 8xD

Bell Wire Cable Clips



Product Code	CCBELLW100
Size	4.5mm
Colour	○
Box Quantity	100

Coaxial & Satellite Cable Clips



Product Code	CCCOAX7BK100	CCCOAX7BR100	CCCOAX7WH100
Size	7mm	7mm	7mm
Colour	●	●	○
Box Quantity	100	100	100

Round Cable Clips



Product Code	CCR3-5W100	CCR4-5W100	CCR6-7W100	CCR8W100	CCR8G100	CCR9-11W100
Size	3-5mm	4-5mm	6-7mm	8mm	8mm	9-11mm
Colour	○	○	○	○	●	○
Box Quantity	100	100	100	100	100	100

Twin & Earth Cable Clips



Product Code	CCTE1G100	CCTE1.5G100	CCTE2.5G100	CCTE4G100	CCTE6G100	CCTE10G100
Size	1mm	1.5mm	2.5mm	4mm	6mm	10mm
Colour	●	●	●	●	●	●
Box Quantity	100	100	100	100	100	100

Twin & Earth Double Cable Clips



Product Code	CCTED1.5G100	CCTED2.5G100
Size	1.5mm	2.5mm
Colour	●	●
Box Quantity	100	100

SWA Cleats



Product Code	CC5CLEATB25	CC6CLEATB25	CC7CLEATB25
Size	13mm	15mm	18mm
Colour	●	●	●
Box Quantity	25	25	25

Earth Clamps



Product Code	EC175
Size	12-32mm pipe diameter. A-D (10mm ² max)
Box Quantity	5



Material

- Impact resistant, UV-stabilised Polyethylene (High Density) HDPE
- Halogen-free
- High Grade carbon steel nails with zinc coating (8 µm)



Applications

- For interior and exterior use
- Suitable for wood, compressed board and mortar



Temperature Range

- Installation: -20°C / + 50°C
- In operation: -40°C / +80°C

Prices quoted are for UK Mainland only.

For other locations, please contact our Sales Office.

Date of delivery

For items in stock, same day dispatch and next day delivery is available. Please discuss your individual requirements with our sales office. A delivery date should be advised at time of placing your order.

For out-of-stock items, where possible, an estimated delivery time will be advised at the time of order.

Please note that the estimated delivery date does not form part of the contract.

Time of delivery

Standard service is any time between 8am and 6pm. Timed deliveries can be made but at an extra cost.

In some instances it may be more convenient to have items delivered to a site address. In the unlikely event that the goods do not arrive before 6pm (for standard service, or for a timed delivery), please let us know the following or same day. Additional charges may apply.

Meeting the delivery

Someone will need to be at the delivery address on the day of delivery.

The delivery should be inspected before signing the delivery note.*

If there is no-one available to sign for delivery, arrangements will be made to re-deliver at an additional cost.

*If parcels are damaged or have been tampered with in any way they should not be signed for unless marked 'DAMAGED' or 'SHORT DELIVERED'.

No claim for damage in transit or shortage will be accepted if signed for 'RECEIVED IN GOOD CONDITION' or 'UNCHECKED' or 'NOT EXAMINED'.

Please note that, due to Health and Safety legislation, the driver is only allowed to deliver to the nearest hard standing (pavement or driveway) and is not required to carry goods up any steps.

Where pallet delivery has been arranged, please ensure suitable equipment is located on site, and is operated by trained and/or certified staff.

Within 24 hours of receiving goods, please unwrap and thoroughly inspect goods. Any visible fault or missing parts must be reported to Pitacs immediately otherwise goods shall be deemed to be accepted.

A delivery note will be provided with your delivery to enable you to check that all goods are present.

Electrical cable is a mission and safety critical component and should only be installed by a qualified electrician in accordance with BS7671 and local planning regulations.

For full terms and conditions

Please visit www.pitacs.com



Pitacs distribution centre in Milton Keynes



Pitacs Cable is the cables division of Pitacs Limited

Bradbourne Point, Bradbourne Drive
Tilbrook, Milton Keynes
Buckinghamshire, MK7 8AT
United Kingdom

T: +44 (0)1908 010345 F: +44 (0)1908 640017
E: elec-sales@pitacs.com
W: www.pitacscable.com



CABLECAT-PC-MAY24