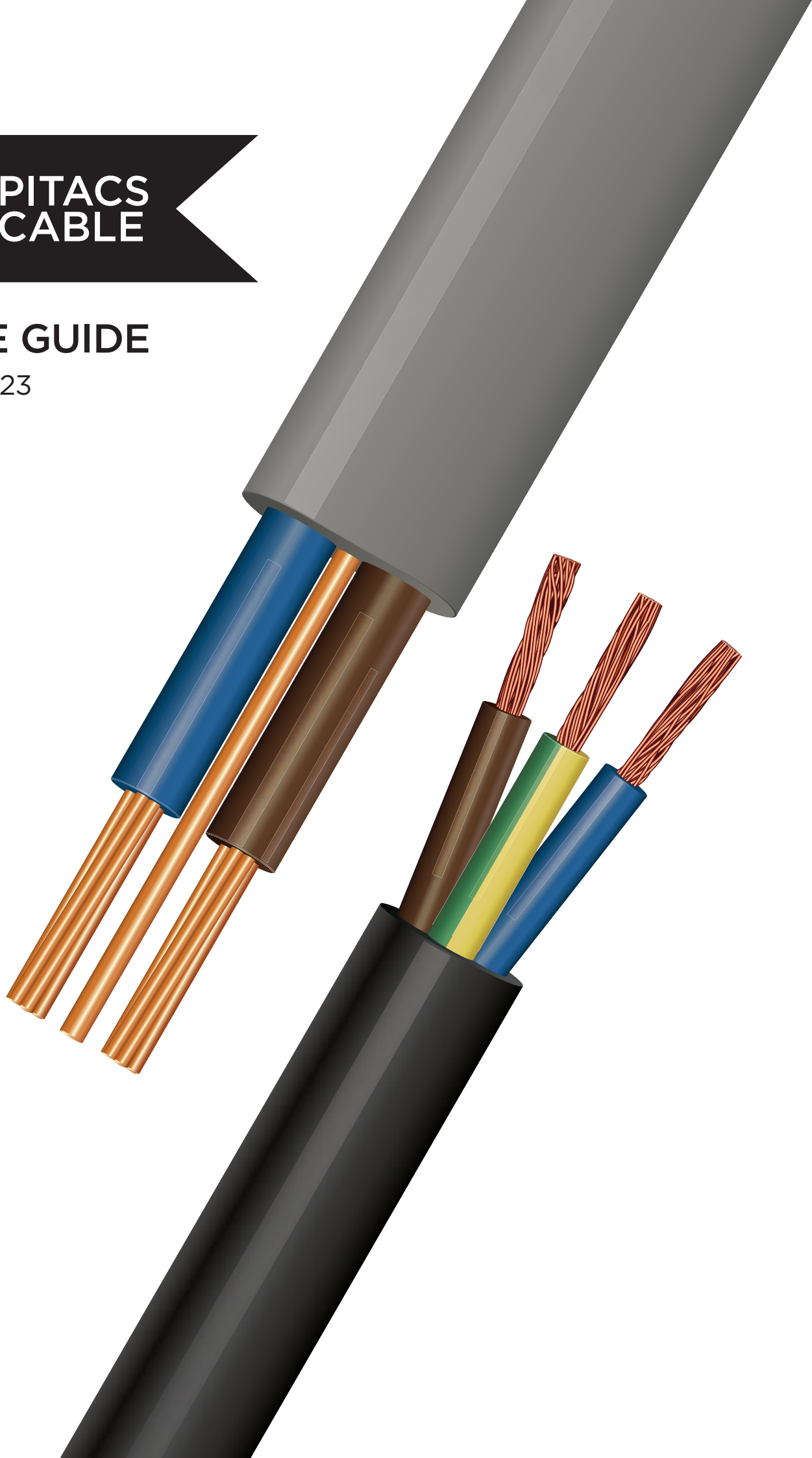




**PITACS  
CABLE**

## **CABLE GUIDE**

Spring 2023

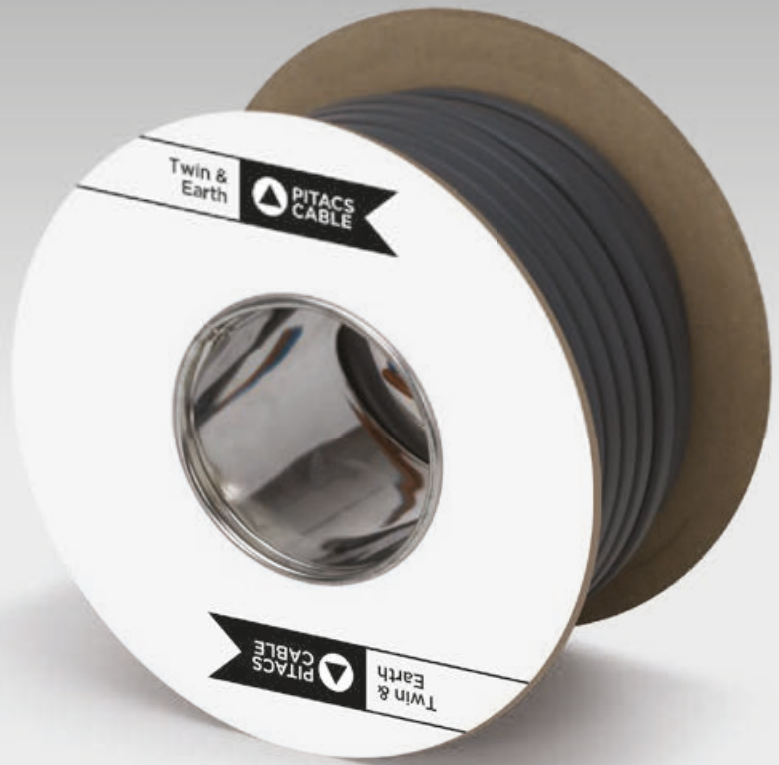




**PITACS  
CABLE**

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.

#### 8 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.

#### 15 Control Cables

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

#### 20 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.

#### 20 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.

#### 21 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.

#### 23 Low Voltage Cables

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

#### 27 Data Cables

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

#### 28 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

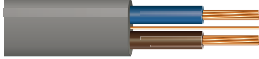
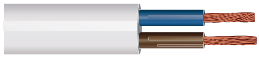



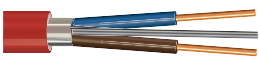



Tel: 01908 010345

Email: [elec-sales@pitacs.com](mailto:elec-sales@pitacs.com)

## Quality

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



|  |                               |           |
|--|-------------------------------|-----------|
|    | <b>General Wiring</b>         | <b>4</b>  |
|    | <b>Flexible Cables</b>        | <b>8</b>  |
|    | <b>Control Cables</b>         | <b>15</b> |
|    | <b>Armoured Cables</b>        | <b>20</b> |
|    | <b>Solar Cables</b>           | <b>20</b> |
|   | <b>Fire Resistant Cables</b>  | <b>21</b> |
|  | <b>Low Voltage Cables</b>     | <b>23</b> |
|  | <b>Data Cables</b>            | <b>27</b> |
|  | <b>Cable Clips</b>            | <b>28</b> |
|  | <b>Terms of Delivery</b>      | <b>30</b> |
|  | <b>Terms &amp; Conditions</b> | <b>31</b> |

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.

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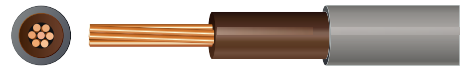
## General Wiring

- 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

### 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.



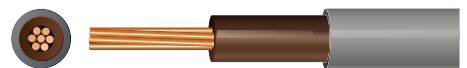
Certifications: BASEC Approved ISO 9001  
Standard: BS 7211:2012

| 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.



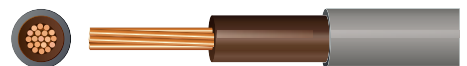
Certifications: BASEC Approved ISO 9001  
Standard: BS EN 60228:2005

| 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.



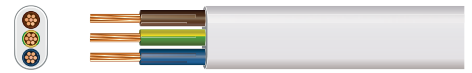
Certifications: BASEC Approved ISO 9001  
Standard: BS 6004:2012

| 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 | 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                 | 6.7         | 52                 | 3.08                                       | ○                   | ● ● ● ● ● ● ●     | 5, 10, 50, 100             | Lighting circuits             |
| 6193B10.0    | 10           | Stranded                 | 8.3         | 71                 | 1.83                                       | ○                   | ● ● ● ● ● ● ●     | 10, 50, 100                | Heavy duty lighting circuits  |
| 6193B16.0    | 16           | Stranded                 | 9.4         | 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.



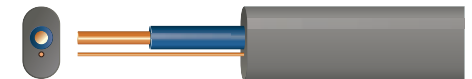
Certifications: BASEC Approved ISO 9001  
Standard: IS 201-4

| Product Code | Core Size mm | Type of Copper Conductor | 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                    | 4.4         | 17                 | 18.1                                       | ○                   | ● ● ● ● ● ● ●     | 50, 100                    | Lighting circuits             |
| 6193B1.5     | 1.5          | Solid                    | 4.6         | 22                 | 12.1                                       | ○                   | ● ● ● ● ● ● ●     | 5, 10, 50, 100             | Heavy duty lighting circuits  |
| 6193B2.5     | 2.5          | Solid                    | 5.4         | 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.



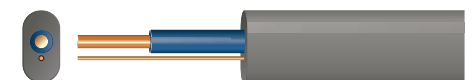
Certifications: BASEC Approved ISO 9001  
Standard: BS 7211:2012

| 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.



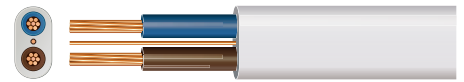
Certifications: BASEC Approved ISO 9001  
Standard: BS 6004:2012

| 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.



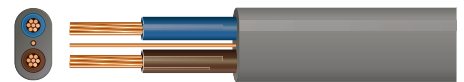
Certifications: BASEC Approved ISO 9001  
Standard: BS 7211:2012

| 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                                | Grey                | Brown, Black, Grey | 10, 50, 100                | 2-way lighting circuits             |
| 6243Y1.5     | 1.5          | Solid                    | 5.3 x 12.9       | 20                 | 12.1 / 18.1                                | Grey, Red           | Brown, Black, Grey | 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                                       | Blue, Black, Brown, Grey, Yellow | 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                                       | Blue, Black, Brown, Grey, Yellow | 5, 100                     |   |
| 6491B4.0     | 4            | Stranded                 | 4.15        | 46                 | 4.61                                       | Blue, Black, Brown, Grey, Yellow | 5, 10, 100                 |   |
| 6491B6.0     | 6            | Stranded                 | 4.70        | 59                 | 3.08                                       | Blue, Black, Brown, Grey, Yellow | 10, 100                    |   |
| 6491B10.0    | 10           | Stranded                 | 5.85        | 81                 | 1.83                                       | Blue, Black, Brown, Grey, Yellow | 5, 10, 25, 100             |   |
| 6491B16.0    | 16           | Stranded                 | 6.70        | 109                | 1.15                                       | Blue, Black, Brown, Grey, Yellow | 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                                       | Blue, Black, Brown, Grey, Yellow | 10, 25, 50, 100            | 4xD                    | General electrical applications |
| 6491X2.5     | 2.5          | Stranded                 | 3.6         | 27                 | 7.41                                       | Blue, Black, Brown, Grey, Yellow | 10, 25, 50, 100            | 4xD                    |                                 |
| 6491X4.0     | 4            | Stranded                 | 4.2         | 37                 | 4.61                                       | Blue, Black, Brown, Grey, Yellow | 10, 25, 50, 100            | 4xD                    |                                 |
| 6491X6.0     | 6            | Stranded                 | 4.7         | 47                 | 3.08                                       | Blue, Black, Brown, Grey, Yellow | 10, 25, 50, 100            | 4xD                    |                                 |
| 6491X10.0    | 10           | Stranded                 | 5.9         | 65                 | 1.83                                       | Blue, Black, Brown, Grey, Yellow | 5, 10, 25, 50, 100         | 4xD                    |                                 |
| 6491X16.0    | 16           | Stranded                 | 6.7         | 87                 | 1.15                                       | Blue, Black, Brown, Grey, Yellow | 10, 25, 50, 100            | 4xD                    |                                 |
| 6491X25.0    | 25           | Stranded                 | 8.3         | 114                | 0.727                                      | Blue, Black, Brown, Grey, Yellow | 50, 100                    | 5xD                    |                                 |
| 6491X35.0    | 35           | Stranded                 | 9.3         | 141                | 0.524                                      | Blue, Black, Brown, Grey, Yellow | 50, 100                    | 5xD                    |                                 |

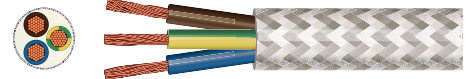
Voltage: 450/750 V Min/Max Operating Temperature: -15°C/70°C Short Circuit Temperature: 160°C Minimum Bending Radius: 4/5xD

## 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 hot environments such as irons.



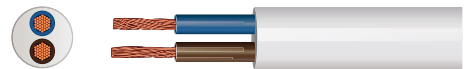
Certifications: ISO 9001  
Standards: BS EN 50525-2-22 H03RT-H

| 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

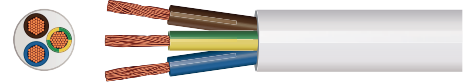
| Product Code | Core Size mm | Type of Copper Conductor | Diameter mm | Current Capacity A | Max. Conductor Resistance at 20°C (Ohm/km) | Outer Sheath Colour | Inner Core Colour | Lengths or Cut-to-Length m | Usage           |
|--------------|--------------|--------------------------|-------------|--------------------|--|---------------------|-------------------|----------------------------|-----------------|
| 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.



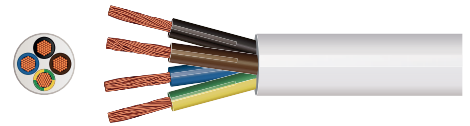
Certifications: BASEC Approved HAR ISO 9001  
Standards: BS 6500 BS EN 50525-2-11

| 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.



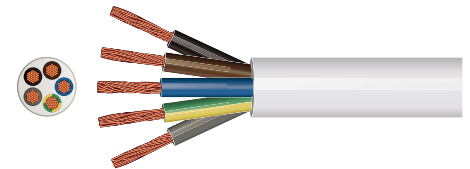
Certifications: BASEC Approved HAR ISO 9001  
Standards: BS 6500 BS EN 50525-2-11

| 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.



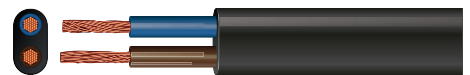
Certifications: BASEC Approved HAR ISO 9001  
Standards: BS 6500 BS EN 50525-2-11

| 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.



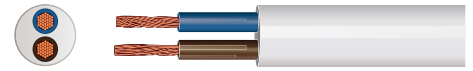
Certifications: BASEC Approved HAR ISO 9001  
Standard: BS EN 50525-2-11

| 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.



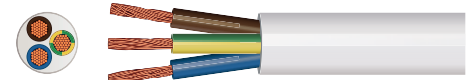
Certifications: HAR   
Standard: BS EN 50525-2-11

| 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.



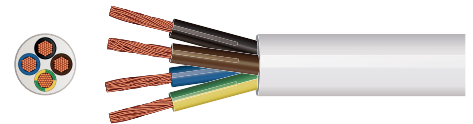
Certifications: HAR   
Standard: BS EN 50525-2-11

| 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.



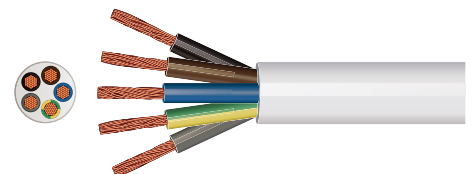
Certifications: BASEC Approved HAR   
Standard: BS EN 50525-2-11

| 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.



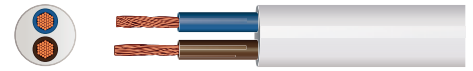
Certifications: BASEC Approved HAR   
Standard: BS EN 50525-2-11

| 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.



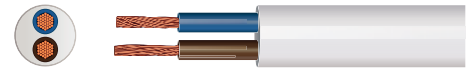
Certifications: BASEC Approved HAR ISO 9001  
Standard: BS EN 50525-3-11

| 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.



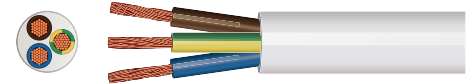
Certifications: BASEC Approved HAR ISO 9001  
Standard: BS EN 50525-2-11

| 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.



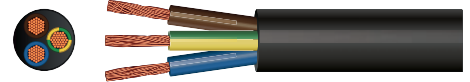
Certifications: BASEC Approved HAR ISO 9001  
Standard: BS EN 50525-3-11

| 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)

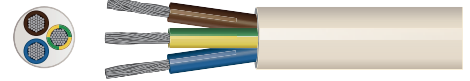
| Product Code | Core Size mm | Type of Copper Conductor | Diameter mm | Current Capacity A | Max. Conductor Resistance at 20°C (Ohm/km) | Outer Sheath Colour | Inner Core Colour | Lengths or Cut-to-Length m | Usage        |
|--------------|--------------|--------------------------|-------------|--------------------|--|---------------------|-------------------|----------------------------|--------------|
| 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

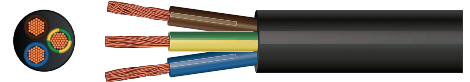
Standards: BS EN 50525-2-21 H05RN-F

| 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

Extra flexible cable for use in household appliances and hand-held power tools such as drills. Generally unsuitable for outdoor use or industrial applications.



Certifications: HAR ISO 9001

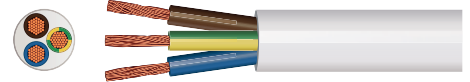
Standards: BS EN 50525-2-21 H05RR-F

| 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.



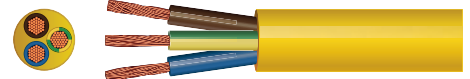
Certifications: BASEC Approved HAR ISO 9001  
Standard: BS EN 50525-2-11

| 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.



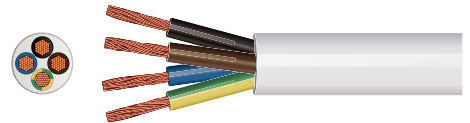
Certifications: BASEC Approved HAR ISO 9001  
Standards: BS 6004 BS 7919:2001

| 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.



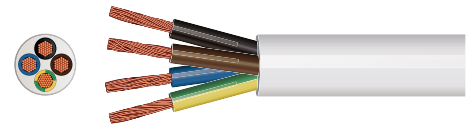
Certifications: BASEC Approved HAR ISO 9001  
Standard: BS EN 50525-3-11

| 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.



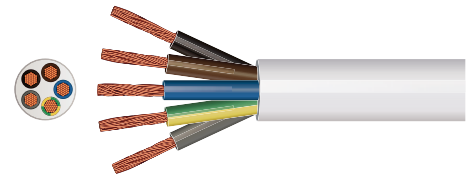
Certifications: BASEC Approved HAR ISO 9001  
Standard: BS EN 50525-2-11

| 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.



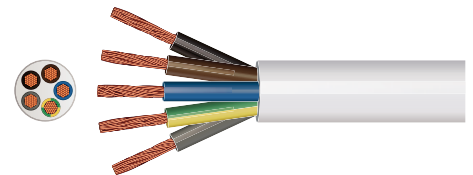
Certifications: BASEC Approved HAR ISO 9001  
Standard: BS EN 50525-3-11

| 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

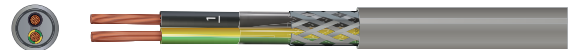
- P5SY** 5 Core SY Control Flex
- P2YY** 2 Core YY Control Flex
- P3YY** 3 Core YY Control Flex
- P4YY** 4 Core YY Control Flex
- P5YY** 5 Core YY Control Flex
- P7YY** 7 Core YY Control Flex
- P12YY** 12 Core YY Control Flex

### 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.



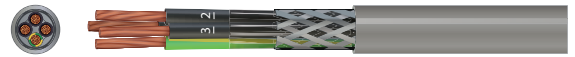
Certifications: ISO 9001   
Standard: BS EN 50525-2-11

| 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.



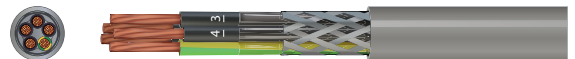
Certifications: ISO 9001   
Standard: BS EN 50525-2-11

| 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                          | 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

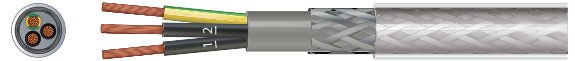


## SY Control Flex

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.



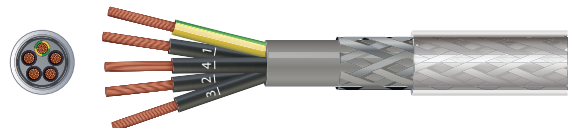
Certifications: ISO 9001   
Standard: BS EN 50525-2-11

| 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                          | Measuring, monitoring and control |
| P5SY2.5      | 2.5          | Fine-Stranded            | 11.6        | 32                 | 7.98                                       | ○ Clear             | ● 1 ● 2 ● 3 ● 4 ● 5 | 1                          |                                   |

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.



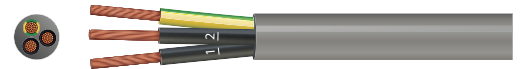
Certifications: ISO 9001   
Standard: BS 50525-2-11

| 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                          |                                   |
| 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.



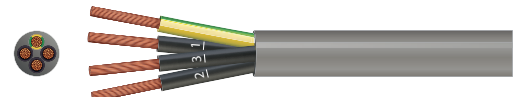
Certifications: ISO 9001   
Standard: BS 50525-2-11

| 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                          |                                   |
| P4SY2.5      | 2.5          | Fine-Stranded            | 8.1         | 25                 | 7.98                                       | ●                   | ① ② ③             | 1                          |                                   |

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.



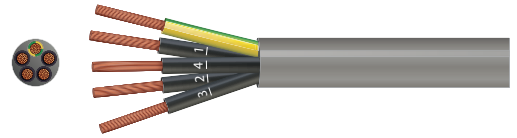
Certifications: ISO 9001   
Standard: BS 50525-2-11

| 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                          | 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                          |                                   |

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.



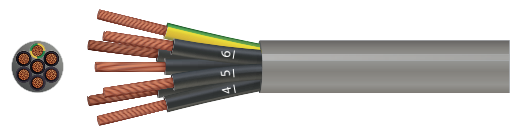
Certifications: ISO 9001   
Standard: BS 50525-2-11

| 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.



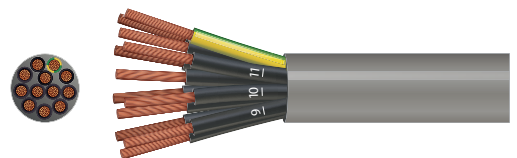
Certifications: ISO 9001   
Standard: BS 50525-2-11

| 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                          | 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            | 10.9        | 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. Suitable for direct burial use as well as surface clipping, trays, baskets, and free air.

### 6943X 3 Core Steel Wire Armoured

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, 200                | Outdoor lights |
| 6943X2.5     | 2.5          | Stranded                 | 13.5        | 31                 | 7.41                                       | ●                   | ● ● ●             | 10, 25, 150                | 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.

### SOLAR 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                      |
|--------------|--------------|---------------------------------|-------------|--------------------|--|---------------------|----------------------------|----------------------------|
| SOLAR 4      | 4            | Fine-Stranded                   | 5.6         | 55                 | 5.09                                       | ● ●                 | 100, 500                   | Photovoltaic power systems |
| SOLAR 6      | 6            | Fine-Stranded                   | 6.1         | 70                 | 3.39                                       | ● ●                 | 100, 500                   |                            |

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 Firecross Cable

### 4CFC 4 Core Firecross Cable

### 2CEFC 2 Core Enhanced Firecross Cable

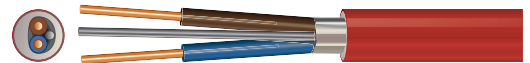
### 4CEFC 4 Core Enhanced Firecross Cable

### 3CFC 3 Core 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 Firecross Cable

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



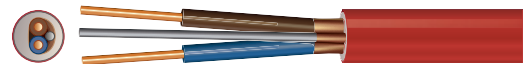
Standard: BS 7629-1 Standard 60

| 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 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 Firecross Cable

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



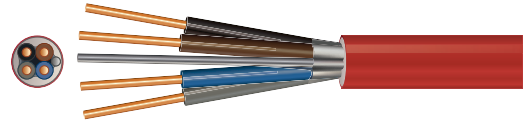
Standard: BS 7629-1 Standard 60

| 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 Firecross Cable

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



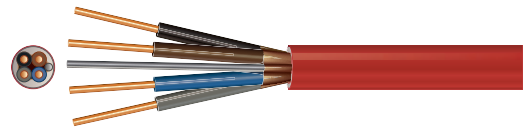
Standard: BS 7629-1 Standard 60 

| 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 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  |
|--------------|--------------|--------------------------|-------------|--------------------|--|---------------------|-------------------|----------------------------|--|
| 4CFC1.5      | 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**

**BELL Bell Wire**

**CT100 Coaxial Satellite Cable (Single)**

**CT100 Coaxial Satellite Cable (Twin)**

**RG59 Coaxial Cable**

**RG6 Coaxial Low Loss Cable**

**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**

**SP Figure 8 Speaker Cable**

### ALARM CU 4 Core Alarm Cable

Four-core alarm cables for indoor alarm systems. Our alarm cables are 7x20mm 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

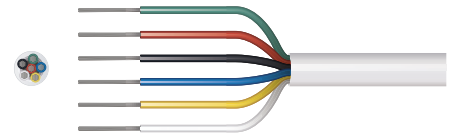
Standard: UL758 BS 4737

| 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                |
|------------------------|--------------|--------------------------|-------------|--|---------------------|-------------------|----------------------------|----------------------|
| <b>ALARM CU 4 CORE</b> | 0.15         | Tinned Copper            | 3.4         | 94.2                                       | ○                   | ● ● ● ●           | 100                        | Indoor alarm systems |

Voltage: **300V** 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 7x20mm 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

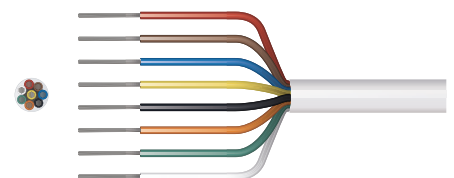
Standard: UL758 BS 4737

| 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                |
|------------------------|--------------|--------------------------|-------------|--|---------------------|-------------------|----------------------------|----------------------|
| <b>ALARM CU 6 CORE</b> | 0.15         | Tinned Copper            | 4           | 94.2                                       | ○                   | ● ● ● ● ● ●       | 100                        | Indoor alarm systems |

Voltage: **300 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 7x20mm 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                |
|------------------------|--------------|--------------------------|-------------|--|---------------------|-------------------|----------------------------|----------------------|
| <b>ALARM CU 8 CORE</b> | 0.15         | Tinned Copper            | 4.4         | 94.2                                       | ○                   | ● ● ● ● ● ● ● ●   | 100                        | Indoor alarm systems |

Voltage: **300 V** Min/Max Operating Temperature: **-20°C/80°C** Short Circuit Temperature: **80°C** Minimum Bending Radius: **65mm**

## 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       | Tinned 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

## CT100 Coaxial Satellite Cable (Single)

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   |
|--------------|--------------|--------------------------|-------------|--|---------------------|----------------------------|---|
| CT100        | 1.02         | Bare Copper              | 6.8         | 26   | ○●                  | 5, 10, 100, 250            | 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

## CT100 Coaxial 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.



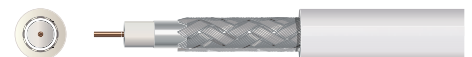
Certifications: ISO 9001   
Standard: EN 13501-6:2014

| 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   |
|--------------|--------------|--------------------------|-------------|--|---------------------|----------------------------|---|
| CT100-TWIN   | 1.02         | Bare Copper              | 6.8±0.20    | 26   | ○●                  | 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

## 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

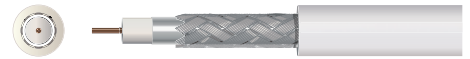
| Product Code | Core Size mm | Type of Copper Conductor | Diameter mm | Max. Conductor Resistance at 20°C (Ohm/km) | Outer Sheath Colour | Lengths or Cut-to-Length m | Usage                                     |
|--------------|--------------|--------------------------|-------------|--|---------------------|----------------------------|---|
| COAXIAL-RG59 | 1            | Bare Copper              | 6           | 47.52                                      | ○●                  | 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



## RG6 Coaxial Low Loss Cable

High quality RG Type Coaxial cables, 50 or 75 Ohm is suitable for many applications, including low power video, video signal, and broadband signals.



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   |
|--------------|--------------|--------------------------|-------------|--|---------------------|----------------------------|---|
| COAXIAL-RG6  | 1.02         | Bare Copper              | 6.8         | 21.8                                       |                     | 10, 25, 50, 100            | 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

## 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                                      |                     | 20, 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.



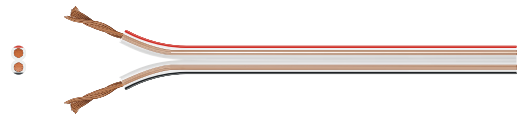
Certifications: ISO 9001    
Standard: UL758

| 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**

## SP Figure 8 Speaker Flex Cable

For audio installations. Cable supplied with black and red tracers.



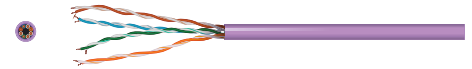
Certifications: ISO 9001    
Standard: UL758

| 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: **300 V** Min/Max Operating Temperature: **-20°C/80°C** Short Circuit Temperature: **80°C** Minimum Bending Radius: **35/55mm**

## 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

## 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

## CAT6 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

## 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

## 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

## Bell Wire Cable Clips



|              |                   |
|--------------|-------------------|
| Product Code | <b>CCBELLW100</b> |
| Size         | 4.5mm             |
| Colour       | ○                 |
| Box Quantity | 100               |

## Coaxial & Satellite Cable Clips



|              |                     |                     |                     |
|--------------|---------------------|---------------------|---------------------|
| Product Code | <b>CCCOAX7BK100</b> | <b>CCCOAX7BR100</b> | <b>CCCOAX7WH100</b> |
| Size         | 7mm                 | 7mm                 | 7mm                 |
| Colour       | ●                   | ●                   | ○                   |
| Box Quantity | 100                 | 100                 | 100                 |

## Round Cable Clips



|              |                   |                   |                   |                 |                 |                    |
|--------------|-------------------|-------------------|-------------------|-----------------|-----------------|--------------------|
| Product Code | <b>CCR3-5W100</b> | <b>CCR4-5W100</b> | <b>CCR6-7W100</b> | <b>CCR8W100</b> | <b>CCR8G100</b> | <b>CCR9-11W100</b> |
| 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 | <b>CCTE1G100</b> | <b>CCTE1.5G100</b> | <b>CCTE2.5G100</b> | <b>CCTE4G100</b> | <b>CCTE6G100</b> | <b>CCTE10G100</b> |
| 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 | <b>CCTED1.5G100</b> | <b>CCTED2.5G100</b> |
| Size         | 1.5mm               | 2.5mm               |
| Colour       | ●                   | ●                   |
| Box Quantity | 100                 | 100                 |

## SWA Cleats



|              |                    |                    |                    |
|--------------|--------------------|--------------------|--------------------|
| Product Code | <b>CC5CLEATB25</b> | <b>CC6CLEATB25</b> | <b>CC7CLEATB25</b> |
| Size         | 13mm               | 15mm               | 18mm               |
| Colour       | ●                  | ●                  | ●                  |
| Box Quantity | 25                 | 25                 | 25                 |

## Earth Clamps



|              |  |
|--------------|--|
| Product Code | <b>EC175</b>                                       |
| Size         | 12-32mm pipe diameter. A-D (10mm <sup>2</sup> 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](http://www.pitacs.com)





**Pitacs distribution centre in Milton Keynes**



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