



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.

## 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.

## <sup>15</sup> 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



## Quality

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























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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.



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.



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 

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.



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	0		5, 10, 50, 100	Lighting circuits
6193B10.0	10	Stranded	8.3	71	1.83	$\circ$		10, 50, 100	Heavy duty lighting circuits
6193B16.0	16	Stranded	9.4	96	1.15	0		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.



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	0		50, 100	Lighting circuits
6193B1.5	1.5	Solid	4.6	22	12.1	0		5, 10, 50, 100	Heavy duty lighting circuits
6193B2.5	2.5	Solid	5.4	30	7.41	0		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 

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 

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
6241Y1.5	1.5	Solid	5.3 x 6.6	20	12.1 / 18.1			50, 100	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 

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	0	••	100	Lighting circuits
6242B1.5	1.5	Solid	5.3 x 9.7	24	12.1 / 18.1	$\circ$	•	50, 100	Heavy duty lighting circuits
6242B2.5	2.5	Solid	6.0 x 11.2	33	7.41 / 12.1	$\circ$	••	100	Ring mains and socket outlets
6242B4.0	4	Stranded	6.7 x 12.6	45	4.61 / 12.1	$\circ$	••	100	Higher load ring mains and socket outlets
6242B6.0	6	Stranded	7.5 x 14.6	58	3.08 / 7.41	0	••	50, 100	Light duty cookers and showers
6242B10.0	10	Stranded	8.8 x 17.5	80	1.83 / 4.61	$\circ$		50, 100	Higher load cookers and showers
6242B16.0	16	Stranded	10.1 x 20.5	107	1.15 / 3.08	0	••	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.



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		00/00	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.



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	0		50, 100	2-way lighting circuits
6243B1.5	1.5	Solid	5.3 x 12.9	24	12.1 / 18.1	$\circ$		50, 100	Higher load 2-way lighting circuits
6243B2.5	2.5	Solid	6.0 x 14.6	33	7.41 / 12.1	0		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 Standard: BS 6004:2012

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

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

## 6491B Single Core LSZH

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



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

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

## 6491X Single Core

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



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

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

## Flexible Cables

2043Y 3 Core Braided Flex 3182Y 2 Core Round Flexible

2182Y 2 Core Round Flexible 3183B 3 Core Round Flexible LSZH

2183Y 3 Core Round Flexible 3183P 3 Core Round Flexible Pond

2184Y 4 Core Round Flexible 3183TQ 3 Core Heat Resistant Butyl Flexible

2185Y 5 Core Round Flexible 3183TRS 3 Core Rubber Flexible

2192Y 2 Core Flat Flexible 3183Y 3 Core Round Flexible

3092Y 2 Core Heat Resistant Flexible 3183YA 3 Core Arctic Grade Flexible

3093Y 3 Core Heat Resistant Flexible 3184B 4 Core Round Flexible LSZH

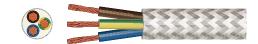
3094Y 4 Core Heat Resistant Flexible 3184Y 4 Core Round Flexible

3095Y 5 Core Heat Resistant Flexible 3185B 5 Core Round Flexible LSZH

3182B 2 Core Round Flexible LSZH 3185Y 5 Core Round Flexible

#### 2043Y 3 Core Braided Flex

Ideal for hot environments such as irons.



Certifications: UK C€ 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	0		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.



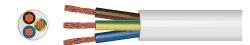
Certifications: BASEC Approved HAR ₩ C ISO 9001 Standard: BS EN 50525-2-11

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 devises
2182Y0.75	0.75	Fine-Stranded	5.5	6	26	lacktriangle		5, 10, 50, 100	Class 2 devices

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.



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	$\bigcirc \bullet \bullet$		5, 10, 50, 100	Light duty appliances
2183Y0.7	0.75	Fine-Stranded	5.8	6	26	$\bigcirc$		5, 10, 25, 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

#### 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.

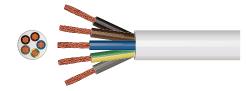


Proc		Core Size mm	Type of Copper Conductor	Diameter mm	Current Capacity A	Max. Conductor Resistance at 20°C (Ohm/km)	Outer Sheath Colour	Inner Core Colour	Lengths or Cut-to-Length m	Usage
218	34Y0.75	0.75	Fine-Stranded	6.4	6	26	0		50, 100	Light duty appliances

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.



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	0		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.



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	Class 2 devices

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.



Produ 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
309	92Y0.75	0.75	Fine-Stranded	6.3	6	26	0		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.



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	0		10, 25, 50, 100	Light duty applications
3093Y1.0	1	Fine-Stranded	7	10	19.5	$\circ$		5, 25, 50, 100	Light duty applications
3093Y1.5	1.5	Fine-Stranded	8.3	16	13.3	0		10, 25, 50, 100	Storage heaters and heating elements
3093Y2.5	2.5	Fine-Stranded	10	25	7.98	$\circ$		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.



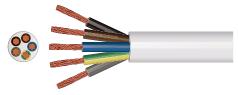
Certifications: BASEC Approved HAR & CE Standard: BS EN 50525-2-11

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	0		10, 50, 100	Storage heaters and immersion heaters
3094Y1.0	1	Fine-Stranded	7.9	10	19.5	$\circ$		50, 100	Storage heaters and immersion heaters
3094Y1.5	1.5	Fine-Stranded	9.3	16	13.3	0		50, 100	Storage heaters and heating elements
3094Y2.5	2.5	Fine-Stranded	10.9	25	7.98	0		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.



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	0		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.



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	0		5, 50, 100	Small appliances (Class 2 devices)
3182B1.0	1	Fine-Stranded	6.6	10	19.5	$\circ$		100	Small appliances (Class 2 devices)
3182B1.5	1.5	Fine-Stranded	7.6	16	13.3	0		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.

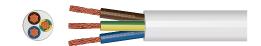


Product Code	Core Size mm	Type of Copper Conductor	Diameter mm	Current Capacity A	Max. Conductor Resistance at 20°C (Ohm/km)	Outer Sheath Colour	Inner Core Colour	Lengths or Cut-to-Length m	Usage
3182Y0.75	0.75	Fine-Stranded	6.3	6	26	•0•		5, 10, 50, 100	Small appliances (Class 2 devices)
3182Y1.0	1	Fine-Stranded	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	$\bullet \bigcirc$		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.



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	0		100	Small domestic appliances
3183B1.0	1	Fine-Stranded	7	10	19.5	$\bigcirc$		100	Small domestic appliances
3183B1.5	1.5	Fine-Stranded	8.3	16	13.3	$\circ$		100	Medium domestic appliances
3183B2.5	2.5	Fine-Stranded	10	25	7.98	$\circ$		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.



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	
3183P1.5	1.5	Stranded	9.75	16	13.3			5, 10, 25, 50	Garden ponds
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.

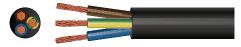


Product Code	Core Size mm	Type of Copper Conductor	Diameter mm	Current Capacity A	Max. Conductor Resistance at 20°C (Ohm/km)	Outer Sheath Colour	Inner Core Colour	Lengths or Cut-to-Length m	Usage
3183TQ0.75	0.75	Stranded	6.85	6	26	0		50, 100	Light duty appliances requiring heat and oil resistance
3183TQ1.0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



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.



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.



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.



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	0		100	
3184B1.0	1	Fine-Stranded	7.9	10	19.5	$\bigcirc$		100	Household appliances
3184B1.5	1.5	Fine-Stranded	9.3	16	13.3	$\circ$		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.



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	$\bigcirc \bullet$		50, 100	Heating controls
3184Y1.0	1	Fine-Stranded	7.9	10	19.5	$\bigcirc \bullet$		5, 25, 50, 100	Heating controls
3184Y1.5	1.5	Fine-Stranded	9.3	16	13.3	$\bigcirc \bullet$		5, 10, 50, 100	Ordinary duty portable appliances
3184Y2.5	2.5	Fine-Stranded	10.9	25	7.98	$\bigcirc lacktriangle$		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.



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	$\bigcirc \bullet$		100	
3185B1.0	1	Fine-Stranded	8.6	10	19.5	$\bigcirc \bullet$		100	Household appliances
3185B1.5	1.5	Fine-Stranded	10.3	16	13.3	$\bigcirc \bullet$		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.



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	0		50, 100	5xD	
3185Y1.0	1	Fine-Stranded	8.6	10	19.5	$\circ$		5, 10, 25, 50, 100	5xD	Have also also associate
3185Y1.5	1.5	Fine-Stranded	10.3	16	13.3	0		50, 100	5xD	Household appliances
3185Y2.5	2.5	Fine-Stranded	12.1	25	7.95	$\circ$		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.



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	•	0 (	1	4xD	
P2CY0.75	0.75	Fine-Stranded	7	16	26		0 (	1, 100	4xD	
P2CY1.0	1	Fine-Stranded	7.2	20	19.5		0 (	1, 100	4xD	Measuring, monitoring and control
P2CY1.5	1.5	Fine-Stranded	8	24	13.3		0 (	1, 100	4xD	
P2CY2.5	2.5	Fine-Stranded	8.8	32	7.98		0 (	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.



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		000	1	4xD	
P3CY1.0	1	Fine-Stranded	7.5	20	19.5		000	1	4xD	Measuring, monitoring and control
P3CY1.5	1.5	Fine-Stranded	8.4	24	13.3		001	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.



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	•	0231	1	4xD	
P4CY0.75	0.75	Fine-Stranded	7.8	16	26		0231	1	4xD	Measuring, monitoring and control
P4CY1.0	1	Fine-Stranded	8.3	20	19.5		000	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.



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	•	0284	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.



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	•	028456	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.



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	000	1, 100	Managerina magnitarina and control
P3SY2.5	2.5	Fine-Stranded	10	32	7.98	Clear	000	1, 100	Measuring, monitoring and control

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

#### 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.



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	0281	1	
P4SY1.5	1.5	Fine-Stranded	9.7	24	13.3	Clear	0280	1, 100	Measuring, monitoring and control
P4SY2.5	2.5	Fine-Stranded	10.7	32	7.98	Clear	000	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.



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	0234	1	Managerian manifesting and control
P5SY2.5	2.5	Fine-Stranded	11.6	32	7.98	Clear	0284	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

#### **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.



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		02	1	
P2YY0.75	0.75	Fine-Stranded	5.5	14	26		02	1, 100	
P2YY1.0	1	Fine-Stranded	5.8	16	19.5		02	1, 100	Measuring, monitoring and control
P2YY1.5	1.5	Fine-Stranded	6.6	18	13.3		00	1	
P2YY2.5	2.5	Fine-Stranded	7.4	25	7.98		00	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.



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	•	001	1	
P3YY1.0	1	Fine-Stranded	6.2	16	19.5		000	1	Managina aradikada aradi arabad
P3YY1.5	1.5	Fine-Stranded	7	18	13.3		001	1	Measuring, monitoring and control
P4SY2.5	2.5	Fine-Stranded	8.1	25	7.98		000	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.



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	•	0000	1	
P4YY1.0	1	Fine-Stranded	6.9	16	19.5		000	1	Measuring, monitoring and control
P4YY1.5	1.5	Fine-Stranded	7.7	18	13.3		000	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.



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	•	0000	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.



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	•	0284661	1	Manager and a second and a second	
P7YY1.0	1	Fine-Stranded	8.9	10	19.5		000000	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

#### 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.



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		023456789000	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.



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** 

## 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.



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	Priotovoitaic power systems

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



## **Firecross Fire Resistant Cables**

**2CFC 2 Core 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.



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	
2CFC2.5	2.5	Solid	9.20	27	7.41			100	Fire alarms, emergency lighting and critical systems
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 12

20	CA	C	(

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.





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	0		100	Fire alarma analysis and evitical evotance
3CFC2.5	2.5	Solid	9.7	27	7.41			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

### **Firecross Fire Resistant Cables**

#### **4CFC** 4 Core Firecross Cable

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



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, amarganay lighting and exitinal systems
4CFC2.5	2.5	Solid	11.60	27	7.41			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

#### **4CEFC 4 Core Enhanced Firecross Cable**

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



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  $7\times20$ mm tinned copper wire with PVC insulation according to BS 4737. The cores are twisted in layers. All cables have a white PVC outer jacket.



Product Code	Core Size mm	Type of Copper Conductor	Diameter mm	Max. Conductor Resistance at 20°C (Ohm/km)	Outer Sheath Colour	Inner Core Colour	Lengths or Cut-to-Length m	Usage
ALARM CU 4 CORE	0.15	Tinned Copper	3.4	94.2	0		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.

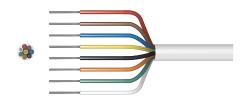


Product Code	Core Size mm	Type of Copper Conductor	Diameter mm	Max. Conductor Resistance at 20°C (Ohm/km)	Outer Sheath Colour	Inner Core Colour	Lengths or Cut-to-Length m	Usage	
ALARM CU 6 CORE	0.15	Tinned Copper	4	94.2	0		100	Indoor alarm systems	

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.



Product Code	Core Size mm	Type of Copper Conductor	Diameter mm	Max. Conductor Resistance at 20°C (Ohm/km)	Outer Sheath Colour	Inner Core Colour	Lengths or Cut-to-Length m	Usage	
ALARM CU 8 CORE	0.15	Tinned Copper	4.4	94.2	0		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.



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	0	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 CA CE
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	0	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.



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	$\bigcirc \bullet$	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.



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	$\bigcirc \bullet$	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.



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.



Product Core Type of Diameter Max. Conductor Outer Lengths or Usage Code Resistance at 20°C Cut-to-Length Size Conductor Sheath (Ohm/km) Colour 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.



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	0	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.



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.



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	0	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.



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	0	10, 100	35mm	
SP24	24	Bare Copper	24/0.2	2.4 x 4.8	24.5	$\circ$	10	40mm	
SP28	28	Bare Copper	28/0.2	2.6 x 5.2	20.1	$\bigcirc$	10	45mm	Audio installations
SP42	42	Bare Copper	42/0.2	3.0 x 6.0	13.2	$\circ$	100	50mm	Audio installations
SP47	47	Bare Copper	47/0.2	3.2 x 6.4	11.8	0	10	54mm	
SP79	79	Bare Copper	79/0.2	3.5 x 7.0	8.5	0	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.



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.

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.



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.



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	0		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.



**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	CCBELLW100
Size	4.5mm
Colour	0
Box Quantity	100

## **Coaxial & Satellite Cable Clips**







Product Code	CCCOAX7BK100	CCCOAX7BR100	CCCOAX7WH100
Size	7mm	7mm	7mm
Colour	•		0
Box Quantity	100	100	100

## **Round Cable Clips**













Product Code	CCR3-5W100	CCR4-5W100	CCR6-7W100	CCR8W100	CCR8G100	CCR9-11W100
Size	3-5mm	4-5mm	6-7mm	8mm	8mm	9-11mm
Colour	0	0	0	0		0
Box Quantity	100	100	100	100	100	100

## Twin & Earth Cable Clips



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



## Twin & Earth Double Cable Clips



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

#### **SWA Cleats**







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

## **Earth Clamps**



Product Code	EC175
Size	12-32mm pipe diameter. A-D (10mm² 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

# A PITACS CABLE Terms of Delivery

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 provide 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



#### **Terms and Conditions**

The Buyer's attention is in particular drawn to the provisions of condition 10

- Interpretation
  The definitions and rules of interpretation in this condition apply in these conditions.

  Buyer: the person, firm or company who purchases the Goods from the Seller.

  Contract: any contract between the Seller and the Buyer for the sale and purchase of the Goods, incorporating these conditions.

  Delivery Pictric the place where delivery of the Goods is to take place under condition 4.

  Goods: any goods agreed in the Contract to be supplied to the Buyer by the Seller (including any part or parts of them).

  Seller: Phase Limited trading as Ultraheat, Aeon, or TIME, TIME Cables, TIME LED, TIME Cable Clips,
  TIME panel light, etc as well as trading as TIME (registered in England and Wales with company number 02505544).

  Specification: any specification for the Goods, including any related plans and drawings, that is agreed by the Buyer and the Seller.

- number 02505544).

  17. Specification any specification for the Goods, including any related plans and drawings, that is agreed by the Buyer and the Seller.

  18. Words in the singular include the plural and in the plural include the singular.

  19. A reference to neighbur includes a reference to the other gender.

  110. Condition bendings do not affect the interpretation of these conditions.

  111 A reference to a statute or statutory provision is a reference to such statute or provision as amended or re-enacted. A reference to statutory strovision includes any subordinate legislation made under that statute or statutory provision, as amended or re-enacted.

  11.2 Any phrase introduced by the terms including, include, in particular or similar expression shall be constitued as illustrative and shall not limit the sense of the words preceding those terms.

  1.13 A reference to writing or written includes face sand e-mails.

- 2. Application of these conditions
  2.1 Subject to any variation under condition 2.3 the Contract shall be on these conditions to the exclusion of all other terms and conditions (including any terms or conditions which the Buyer purports to apply under any purchase order, confirmation of order, Speciation or orther document or which are implied by trade, custom or course of dealing.

  1. No terms or conditions endorsed on, delivered with or contained in the Buyer's purchase order, confirmation of order. Specification or other document shall form part of the Contract of such document being referred in bin the Contract.

  2.3 These conditions apply to all the Seller's sellers and any variation to these conditions and any representations about the Ecodic shall have no effect unless expressly appeal in writing and signed by representations about the Ecodic shall have no effect unless expressly appeal in writing and signed by representation or given by or on behalf of the Seller which is not set of in the Contract. Nothing in this condition sall activate or intelligence or representation made or given by or on behalf of the Seller which is not set of in the Contract. Nothing in the Selver shull be deemed to be an offer by the Buyer form the Seller shall be deemed to be an offer by the Buyer shall be deemed to be accepted by the Seller until a written acknowledgement of order is seasof by the Seller contil as written acknowledgement of order is seasof by the Seller of claim the Seller delevers the Goods to the Buyer.

- Buyer.

  2.6 The Buyer shall ensure that the terms of its order and any applicable Specification are complete and
- accurate.

  Any quotation is given on the basis that no Contract shall come into existence until the Seller despatches an acknowledgement of order to the Buyer or (if earlier) the Seller delivers the Goods to the Buyer, Any quotation is valid for a period of 30 days only from its date, provided that the Seller has not received by delivers. It

- Description
  The quantity and description of the Goods shall be as set out in the Seller's quotation or acknowledgement of order.

  All samples, drawings, descriptive matter, Specifications and advertising issued by the Seller and any descriptions or in the Seller's adjusted by the Seller and any descriptions or interest are issued or published for the sole purpose of piving an approximate lides of the Goods described in them. They shall not form part of the Contract and no sale is as all by sample.

  1 To the extent that the Goods are to be manufactured in accordance with a Specification supplied by the Buyer, the Buyer shall indemity the Seller against all isabilities, costs, expenses, damages and losses (including any direct, indirect or consequential losses, loss of profit, loss of regulation and all interest, penalties and legal and other professional costs and expenses yaterfeor of incurred by the Seller in connection with the seller for actual or allegal infringement of a third party's intellectual properly rights arising out of or in connection with the Seller shall survive termination of the Contract.

  1 The Seller reserves the right to amend the Specification of frequency any applicable statutory or regulatory requirements. If such amendments will materially change the nature or quality of the Goods, the Seller shall notify the Buyer who may then terminate the Contract.

- Unless otherwise agreed in writing by the Seller, delivery of the Goods shall take place at the Seller's place of business.

  Delivery is completed on the completion of Inadian of the Goods et the Delivery is completed.

- Unless otherwise agreed in writing by the Seller, delivery of the Goods shall take place at the Seller's place of business. Delivery is completed on the completion of loading of the Goods at the Delivery Point. The Buyer shall take delivery of the Goods within 10 days of the Seller giving notice that the Goods are ready for delivery. Any dates specified by the Seller for delivery of the Goods are intended to be an estimate (and not of the essence) and time for delivery shall not be made of the essence by notice. If no dates are as specified, delivery shall be within a reasonable time. Subject to the other provisions of these conditions, the Seller shall not be liable for any direct, indirect or consequential loss (all three of which terms include, without fimitation, pure economic loss, loss of profits, loss of business, depletion of goodwill and similar loss), costs, damages, charges or expresses caused felt offers of the directly or indirectly a consequent of the source of the source of the source of the condi-(even if caused by the Seller's neighlence), nor shall any delay entitle the Buyer to terminate or rescrib the Contract unless such delay exceeds 180 days. Seller giving it notice that the Goods are ready for delivery of the Seller is unable to deliver the Goods on time because the Buyer has not provided appropriate instructions, documents, Lorensor a valuntications: risk in the Goods shall pass to the Buyer (including for loss or damage caused by the Seller's neighpierco;

- instructions, occurring, iscenses of automisations:

  (a) risk in the Goods shall pass to the Buyer (including for loss or damage caused by the Seller's engligence);

  (b) the Goods shall be deemed to have been delivered at 0.00 an on the tenth day after the day on which the Seller contined the Buyer that the Goods were ready for delivery; and on which the Seller contined the Buyer that the Goods were ready for delivery and costs and expenses (including, without limitation, strange and insurrance).

  4.7 If 10 days after the day on which the Seller notified the Buyer that the Goods were ready for delivery the Buyer has not taken or accepted delivery of them. The Seller may, as an alternative or in addition to its rights under condition 4.6(c), resell or otherwise dispose of part or all of the Goods and, after deducting reasonable storage and selling costs, account to the Buyer for any excess over the price of the Goods or charge the Buyer for any shortfall below the price of the Goods and, after deducting reasonable storage and selling costs, account to the Buyer for any excess over the price of the Goods or charge the Buyer for any shortfall below the price of the Goods.

  4.8 The Buyer shall provide at the Delivery Point and at 1st expenses adequate and appropriate equipment and manual abour for loading the Goods. The Seller's delivery personnel shall not be required to: 0 deliver goods to any place at the Delivery Point beyond the ground level hard surface nearest to the Seller's vehicle; nor 0. carry Goods to surplace at the Delivery Point beyond the Contract. Any delay in delivery or defect in an installment shall not entitle the Buyer to cancel any other installments.

  4.10 Each installment shall not entitle the Buyer to cancel any other installments.

  4.11 Unless the Buyer has ordered and paid for a special timed delivery at a time and place agreed by the Seller's the time of delivery shall need to delivery installment shall not entitle the Buyer to advantage or shall deliver and of the proper shall need and

- retain the packaging and delivery documentation of any faulty or imperfect Goods for inspection by the Seller; and
- by the Seller; and not install, adapt, sell or dispose of (nor permit any other person to install, adapt, sell or dispose of (nor permit any other person in install, adapt, sell or dispose of) any Goods which the Buyer and/or the person inspecting the delivered Goods has found to be faulty, imperfect or incomplete.
- Non-deliney: The quantity of any consignment of Goods as recorded by the Selfer on despatch from the Selfer's place of business shall be conclusive evidence or the quantity received by the Buyer on delivery unless the Buyer can provide conclusive evidence proving the contrary. The Selfer shall not be liable for any one-delivery of Goods (even if caused by the Selfer's negligence, unless the Buyer on the Selfer of the Conclusive evidence provides and the Selfer of the con-delivery within 4 days of the date when
- unless the Buyer gives written notice to the senior of un fortunative within a case of the Goods would in the ordinary course of events have been received.

  Any liability of the Seller for non-delivery of the Goods shall be limited to replacing the Goods within a reasonable time or issuing a credit note at the pro rata Contract rate against any invoice raised for such

- 6. Riskrittle 6.1 The Goods are at the risk of the Buyer from the time of delivery. 6.12 All Goods supplied by the Seller free of charge remain at all times the property of the Seller unless and until the Seller has agreed in writing to sell such Goods to the Buyer and has received payment in fulf in accordance with sub-condition 6.3 below. Samples supplied by the Seller free of charge may be used for display purposes only and shall be returned at the Muyer's expense) to the Seller complete in on saleable condition within 3 months of delivery unless a longer period has been agreed in writing by the Seller.

- Selection Content of the Goods shall not pass to the Buyer until the Seller has received in full (in cash or cleared funds) all sums due to it in respect or:

  all others are which are or which become due to the Seller from the Buyer on any account. Until other sums which are or which become due to the Seller from the Buyer on any account. Until other which are on a full-carby basis as the Seller's Seller from the Buyer on any account. Until other shall be foods to an afford the Buyer the Buyer shall:

  blot the Goods on a full-carby basis as the Seller's Stables:
  store the Goods (an occut the Seller's separately from all other goods of the Buyer or any third party in such a way that they remain readily identifiable as the Seller's property, or of sellery shall be considered to the Seller's behalf for their full and the Goods in satisfactory condition and keep them insured on the Seller's behalf for their full

- price against all risks to the reasonable satisfaction of the Seller from the date of delivery. On request the Buyer shall produce the policy of insurance to the Seller; notify the Seller immediately if it becomes subject to any of the events listed in condition 6.6; and give the Seller such information relating to the Goods as the Seller may require from time to time. The Buyer may repeal the Goods before overship the passed of a solley on the following conditions: any sale shall be effected in the ordinary course of the Buyer's business at full market value; it is considered to the Seller support and control of the Goods and the Seller support and control of the Goods and the Seller support and control of the Goods and the Seller support support support and the Seller support support and the Seller support support support support support and the Seller support suppo

- or require the Buyer to deliver up all Goods in its possession that have not been resold, or irrevocably incorporated into another product, and

  (ii) If the Buyer fails to do so promptly, enter any premises of the Buyer or of any third party where the Goods are stored in order to recover them.

  (8.8 The Seller shall be entitled to recover payment for the Goods notwithstanding that ownership of any of the Goods has not passed from the Seller.

  (9.9 The Buyer grants the Seller, its agents and employees an irrevocable licence at any time to enter any premises where the Goods are on may be stored in order to inspect them, or, where the Buyer's right to possession has terminated, to recover them.

  (10) Where the Seller is unable to determine whether any Goods are the goods in respect of which the Buyer's right to possession has terminated, the Buyer shall be deemed to have sold all goods of the kind sold by the Seller to the Buyer in the order in which they were invisced to the Buyer.

  (5.11) On termination of the Contract, howsover caused, the Seller's (but not the Buyer's rights contained in this condition of each termination of an all remains in end.

- Price
  Unless otherwise agreed by the Seller in writing, the price for the Goods shall be the price set
  out in the Seller's price list published on the date of delivery or deemed delivery.
  The price for the Goods shall be:
  exclusive of any value added tax (VAT), which the Buyer shall additionally be liable to pay to
  the Seller at the prevailing rate, subject to the receipt of a valid VAT invoice; and
  exclusive of all costs or charges in relation to packaging, doading, unloading, carriage and insurance, all
  of which amounts the Buyer shall pay in addition when it is due to pay for the Goods provided that in
  respect of Goods delivered within frest fishant the price of Goods shall include:
  packaging, loading, unloading, and an element of insurance cover (for details of which cover please
  contact the Seller's; and
  (for each order that is confirmed by the Seller to exceed its minimum order quantity in respect of that
  product lyps and delivery destination) the cost of carriage.

  The Soller may, by giving models to the Buyer at any office of the cost of carriage
  any request by the Buyer to change the delivery destination of younge of Goods ordered, or the
  Specification; or
  any delaw caused by any instructions of the Buyer of railure of the Buyer to view the Seller adocuate or

- specimication; or any delay caused by any instructions of the Buyer or failure of the Buyer to give the Seller adequate or accurate information or instructions.

- Payment Unless otherwise agreed, the Buyer shall pay in full the price for the Goods in pounds sterling (GBP) or other currency as indicated on the invoice or proforma at the time of placing its order with the Seller. Any payment deferral, credit, return or prompt payment discount terms granted to the Buyer by the Seller may be changed or cancelled at any time.

  Subject to condition 8.4, payment of the full balance of the price for the Goods is due in pounds sterling on the due date as stated on the invoice.

  Time for payment shall be off the essence.

  No payment shall be deemed to have been received until the Seller has received cleared funds. All payments payable to the Seller may be changed to the sesence.

  The payments payable to the Seller under the fundance of the price of the sesence of the payments payable to the Seller under the fundance of the sesence of the sesence.

  The Buyer shall nake all payments the under the Contract shall become due immediately on its termination, The Buyer shall make all payments the under the Contract in full without any deduction whether by way of st-off, counterclaim, discount, abadement or otherwise unless the Buyer has a valid court order requiring an amount equal bis such deduction to be paid by the Seller to the Buyer. The Seller may at any time, without limiting any other rights or remedies it may have, set-off any amount owing to it by the Buyer salls and any other rights or remedies it may have, set-off any amount owing to it by the Seller to the Buyer.

  If the Buyer falls to pay the Seller and sum from the due date for payment at the annual rate of 4% above the base lending rate from time to time of Barchays Bank, accruing on a daily basis until payment is made, whether before or after any plugment. The Buyer stall be plug payment compensation under the contract against the Buyer discussion, without limition, to recover the price of the Goods then the Buyer will indemnify the Seller and an advanced to the contract against the Buyer discussion and legal occasion and

- Quality
  Where the Seller is not the manufacturer of the Goods, the Seller shall endeavour to transfer to the
  Bluyer the benefit of any warranty or guarantee given to the Seller.

  The Seller warrants that (subject to the other provisions of these conditions):
  on delivery, and for a period of 12 months from the date of delivery (Warranty Period), the Goods shaltconform in all material respects with their description and any applicable Specification;
  be fee from material and evidential defects in design, material and workmanship;
  be of satisfactory quality within the meaning of the Sale of Goods Act 1979; and be
  reasonable for the draw particular purpose for which the Goods are being bought if the Buyer had
  made known that purpose to the Seller in writing and the Seller has confirmed in writing that it is
  reasonable for the Buyer for any on the Seller in writing and the Seller has confirmed in writing that it is
  reasonable for the Unique for any on the Seller in writing and the Seller has confirmed in writing that it is
  reasonable for the under the order of the Seller; and
  on delivery, the products shall be free from material defects resulting from faulty manufacture or
  expected the seller of the seller is any of the seller is an
- faulty manufacture or workmanship; and on delivery, and for a period of 10 years from the date of delivery, Ultraheat Compact 4, and Ultraheat Premier Aluminium radiators, (excluding Goods talling within the foregoing conditions 9.20) or (c)) shall be the form material deleters resulting from faulty manufacture or workmanship; and on delivery, and for a period of 20 years from the date of delivery, conditional warranty on Aeon Stallaniess selet prototics (excluding Goods Stalling within the foregoing conditions 9.20), (c) or (d)) shall Stallaniess selet prototics (excluding Goods Stalling within the foregoing conditions 9.20), (c) or (d)) shall be free from leskage resulting from material defects due to faulty manufacture or workmanship. (Conditional means we would need to be informed if the system is an open system that is fet by mains
- (Conditional means we would need to be informed if the system is an open system that is fed by mains water or direct but water cylinder), on delivery, and for a peried of 10 years from the date of delivery, conditional warranty on Aeon Aluminium products (excluding Goods failing within the fereigning conditions 29 (b), (c)) or (e) shall be free from leakage resulting from material defects due to faulty mainsfature or workmanship. (Conditional means we would need to be informed if the system is an open system that is fed by mains water or direct hot water cylinder). The Selder shall not be liable for a breach of any of the warranties in condition 9.2 unless: the Buyer has complied with its obligations under these terms and conditions, in particular (without limitation) the Buyer's obligations pursuant to condition 4.12 above to inspect all Goods upon and immodiately following delivery and notify the Seller promptly and in full of faulty, imperfect or incomplete Goods.

- initializing the styler's obsciously part on the stile promptly and in full of faulty imperfect or incomplete foods: and incomplete foods and inc

- the serial numbers on the Goods have been removed, unavalable; or unavailable; or the defect in question arises in whole or in part from reasonable wear and tear, withul damage, negligence or abnormal storage or working conditions; or the Goods have not been installed with reasonable competence and in accordance with the best industry standards in the UK for professional installation of heating and plumbing goods; or the Buyer afters or persia such Goods without the written consent of the Seller; or the defect arises as a result of the Seller following any drawing, design or Specification supplied by the Buyer; or the Goods differ from their description or the Specification as a result of changes made to ensure they

- comply with applicable statutory or regulatory requirements.
  Subject to condition 9.3 and condition 9.4, if any of the Goods do not conform with either of the warranties in condition 9.2 the Seller shall at its option repair or replace such Goods (or the defective part) or refulled reprice of such Goods at the pro rata Contract rate provided that, if the Seller so requests, the Buyer shall, at the Seller's expense, return the Goods or the part of such Goods which is defective to the Seller. requests, the Byer shall, at the Seller's expense, return the Goods or the spiral officers, the Byer shall, at the Seller's expense, return the Goods or the part of such Goods will defective to the Seller's expense, return the Goods or the part of such Goods will the Seller complies with condition 9.5 in stall have no further liability for a breach of any of the warrantes in condition 9.2 in respect of such Goods.

  Any Goods replaced shall belong to the Seller and sany repaired or replacement Goods shall be operanteed on these terms for the unexperied portion of the applicable warranty period set out in condition 9.2.

- condition 9.2.

  The terms implied by sections 13 to 15 of the Sale of Goods Act 1979 are, to the fullest extent permitted by law, excluded from the Contract.

  These conditions shall apply to any repaired or replacement Goods supplied by the Seller.

- Limitation of liability
   Subject to condition 4, condition 5 and condition 9, the following provisions set out the entire financial liability of the Selter (including any liability for the acts or omissions of its employees, agents and sub-contractors) to the Buyer in respect of:
   any breach of hease conditions;
   use in the conditions;
   use made or resale by the Buyer of any of the Goods, or of any product incorporating any of the Goods, and
- Goods; and any representation, statement or tortious act or omission including negligence arising under or in connection with the Contract. All warrantes, conditions and other terms implied by statute or common law (save for the conditi-insplied by section 12 of the Sale of Goods Act 1979) are, to the fullest extent permitted by law, excluded from the Contract.

- excluded from the Contract.

  10.3 Nothing in these conditions excludes or limits the liability of the Seller:
  (a) for death or personal injury caused by the Seller's negligence, or the negligence of its employees, agents or sub-contractors; or
  (a) for death or personal injury caused by the Seller's negligence, or the negligence of its employees, agents or sub-contractors; or
  (a) for firated or trasilient integregeration.
  (b) for firated or trasilient integregeration.
  (c) for firated or trasilient integregeration.
  (c) Subject to condition 10.2 and condition.
  (d) Subject to condition 10.2 and condition.
  (d) Subject to condition 10.2 and condition.
  (e) Sellect to condition 10.2 and condition.
  (e) Sellect to condition or otherwise, arising in a connection with the performance or contemplate performance or the Contract shall be limited to the Contract, whether in contract, that (including negligence), breach of statutory duty, or otherwise.
  (e) the Seller shall not be liable to the Buyer for indirect or consequential loss of profit or loss of business which arise out of or in connection with the Contract, whether in contract, that (including negligence), breach of statutory duty, or otherwise.
  (e) S The Buyer acknowledges and agrees that it is a business customer by virtue of the Goods being received by it for business purposes.
  (e) It has refeat and thy understood the limitations and exclusions of the obligations and liabilities of the Seller set out in these conditions;
  (c) they are reasonable and formed the basis for setting the price of the Goods;
  (i) It as leads to finance and formed the basis for setting the price of the Goods;
  (ii) It as leads to the sure thereof against all or some of those risks should it so desire.

- 11. Assignment
  11.1 The Seller may at any time assign, transfer, mortgage, charge, sub-contract, declare a trust over or deal in any other manner with any or all of its rights or obligations under the Contract or any part of it to any person, firm or company.
  12 The Buyer shall not be entitled to assign, transfer, mortgage, charge, sub-contract, declare a trust over or otherwise deal in any other manner with any or all of its rights or obligations under the Contract or any part of it without the prior written consent of the Seller.

- the Contract or any part of it without the prior written consent of the Seller.

  2. Termination

  12. If without imiting its other rights or remedies, the Seller may terminate the Contract with immediate effect by giving written notice to the Buyer. Given the Seller may terminate the Contract with immediate effect by giving written notice to the Buyer being notified in writing to do so;

  the Buyer centils an arrival short of the Buyer being notified in writing to do so;

  the Buyer sheets any stips or action in connection with these events set out in condition is it,

  or and the Buyer's considerable the stips of the Buyer being notified in writing to do so;

  or the Buyer's Innead pending destructates to such an extent that in the Seller's opinion the Buyer's capability to adequately fulfill its obligations under the Contract has been placed in jecquardy.

  2.2 Without imiting its other rights or remedies, the Seller may terminate the Contract with immediate effect by giving written notice to the Buyer if the Buyer fails to pay any amount due under the Contract as on the due date for payment.

  2.3 Termination of the Contract shall not affect any of the parties' rights and remedies that have accorded as at termination, including the right to claim damages in respect of any present of this Contract has 12.4 Any provision of the Contract shall not affect any of the parties' rights and remedies that have accorded as at termination of the Contract shall not affect any of the parties' rights and remedies that have accorded as at termination of the Contract shall not affect any of the parties' rights and remedies that have accorded as at termination of the Contract shall not affect any of the parties' rights and remedies that have accorded as at termination of the Contract shall not affect any of the parties' rights and remedies that have accorded as at termination of the Contract shall not affect any of the parties' rights and remedies that have accorded as at termination of the Contract what provides the contract with i

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  The Selfer reserves the right to defer the date of delivery or to cancel the Contract or reduce the volume
  of the Goods ordered by the Buyer (without tiability to the Buyer) if it is prevented from or delayed
  in the carrying on of its business due to circumstances beyond the reason able control of the Selfer
  including, without imitation, acts of Good, operamental actions, war or rational emergency, acts of
  terrorism, protests, rick, civic commotion, fire, explosion, flood, epidemic, lock-outs, strikes or other
  labour dispute (whether or not relating to either party's vorkforcy), or restaints or delays affecting
  carries or inability or delay in obtaining supplies of adequate or suitable materials, provided that, if the
  event in question continues for a continuous period in excess of 60 days, the Buyer shall be entitled to
  give notice in writing to the Selfer to terminate the Contract.
- Entire agreement
  The Contract constitutes the entire agreement between the parties and supersedes and extinguishes
  all previous agreements, promises, assurances, warranties, representations and understandings
  between them, whether written or oral, relating to its subject matter.
- the tweeter them, whether whites for trait, resamply to its subject instant.

  15. General

  15. General

  15. Teach right or remedy of the Seller under the Contract is without prejudice to any other right or remedy of the Seller whether under the Contract or not.

  15. If any provision or part-provision of the Contract is found by any court, tribunal or administrative body of competent jurisdiction to be wholly or party literal, initial, vol. volidability, unenforceability or unreasonable it shall be the extent of such lilegality, invalidity, volidelity, volidability, unenforceability or unreasonable its moderable to the extent of such lilegality, invalidity, volidelity, volidability, unenforceability or unreasonable in good that the amend such provision or part-provision shall be Contract, the remember of the contract and the remainder of such provision shall confinue in full force and effect. In such circumstances, the parties shall negotiate in good that the amend such provision or part-provision shall, as amended, it is legal, valid and enforceable by the Seller in enforcing or partially enforcing any provision of the Contract shall not be denoral and velocity or may default under, any provision of the Contract by the Seller of any other parties under the contract.

  15.4 Fany waiver by the Seller of any breach of, or any default under, any provision of the Contract by the Seller of any subsequent breach of default and shall no now syffect the other terms of the Contract.

  15. The parties to the Contract do not intend that any term of the Contract shall be enforceable by virtue of the Contracts (Rights of Third Parties) Act 1999 by any person that is not a party to it.

  15. The parties to the Contract do not intend that any term of the Contract shall be enforceable by virtue of the Contract shall be enforceable to the Contract of the Contract of the Contract of the Contrac

- 16. Communications
  16.1 All communications between the parties about the Contract shall be in writing and delivered by hand or sent by pre-paid first class post or sent by fax or e-mail:

  (a) (in case of communications to the Solete) to fix registered office or such changed address as shall be notified to the buyer by the Selfer; (b) (in the case of the communications to the Duyer) to the registered office of the addressee (if it is a contract of the payer) to the payer to the registered office of the addressee (if it is a contract of the payer) to the payer to the payer and the payer of the pay

Terms and conditions are available as a PDF file upon request. Alternatively, they can be downloaded from our website.

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