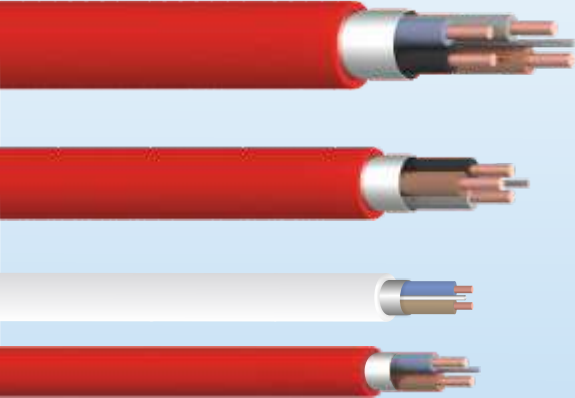


XP Premium Fire Performance Cable

Low Smoke Zero Halogen emissions under fire conditions

Fire System Cables



Context Plus XP Premium Fire Performance Cable has been tested and approved by LPCB to meet BS EN 50200:2015+Annex E 30 mins, BS EN 50200:2015 PH30, PH60 & PH120 and BS 6387:2013 CWZ under fire conditions.

Context Plus XP Premium cable is manufactured in the UK using the latest technology, materials and manufacturing equipment. Materials and processes are recorded and tracked throughout manufacture to ensure consistent reliability and quality. All cable is marked with time and date of manufacture and each reel with a unique quality assurance batch and test number.

Context Plus XP cable cores are twisted during manufacture to provide the highest level of data protection, ideal for long cable runs and analogue addressable fire systems.

CONTEXT PLUS XP FIRE CABLE IS THE FASTEST CABLE TO PREPARE FOR TERMINATION.

Tested and Complies with:-

BS EN 50200:2015+Annex E 30 mins	Fire Resistance Standard
BS EN 50200:2015 PH30, PH60 & PH120	Fire Resistance Standard
BS 6387:2013 CWZ	Fire Resistance Standard
BS EN 60754-1:2014	Halogen Emission Standard
BS EN 61034-2:2005+A1:2013	Low Smoke Standard
BS EN 60332-1-2:2004	Single Cable Retardancy
BS EN 60332-3-24 & -3-25:2009	Bunched Cable Retardancy
BS 60228 Inc. Corrigendum 1	ETP1 High Grade Copper

Context Plus Premium - Suitable for Tall & Complex Buildings
 Additionally approved and certified to meet
BS EN 60332-3-24 & 3-25:2009

These test show that installed as bunched cables, Context Plus XP cable does not drip under fire conditions and self extinguishes, leaving the upper cable sheath unaffected to prevent the escalation of fire. Vital life safety for tall & complex buildings.



SAVE INSTALLATION TIME & MONEY

Context Plus XP Premium is tested to retain continuity under fire conditions as follows:-

BS EN 50200:2015 + Annex E 30 mins

• for 30 minutes at 830°C (up to +40°C) with Fire & Mechanical shock applied every 5 mins, water spray applied for final 15 minutes.

BS EN 50200:2015 PH30, PH60 & PH120

• for 120 minutes (2 hours) at 830 °C (up to +40 °C) fire & mechanical shock applied every 5 minutes throughout the 2 hour test.

Note - All BS EN 50200 tests are conducted on the same cable sample.

BS 6387:2013 CWZ

• for 180 minutes (3 hours) at 950 °C (up to ±40 °C) fire only. = C
 • for 30 minutes at 650 °C (up to ±40 °C) fire with water spray applied for final 15 minutes. = W
 • for 15 minutes at 950 °C (up to ±40 °C) with fire & mechanical shock applied every 30 seconds throughout the test. = Z

Note - Each test above is conducted on a different and separate cable sample.

Fire Performance Cable

Features

- Reduced Installation Time and Costs
- Easy to Install and Superb Working Flexibility
- All in one - Easy to Strip Outer Sheath
- No Separate Foil to Remove
- No Additional Fibre Wraps to Remove
- No Mica Tape on Conductors to Remove
- No Additional Core Separators to Remove
- Cable Core Twist Provides High Level Data Protection
- Voltage Rating 300v/500v

Conductor Size	All XP Cables Include 0.80mm (Drain Wire)		
Red Sheath	2 Cores	3 Cores	4 Cores
1.00mm ² = 1.13mm Dia	FPX-210DR	FPX-310DR	FPX-410DR
1.50mm ²	FPX-215DR	FPX-315DR	FPX-415DR
2.50mm ²	FPX-225DR	FPX-325DR	FPX-425DR
White Sheath	2 Cores	3 Cores	4 Cores
1.00mm ² = 1.13mm Dia	FPX-210DW	FPX-310DW	FPX-410DW
1.50mm ²	FPX-215DW	FPX-315DW	FPX-415DW
2.50mm ²	FPX-225DW	FPX-325DW	FPX-425DW
Black Sheath	2 Cores	Shown above is the cross sectional area (I _r ²) in mm ² and the diameter in mm of the copper conductor core.	
1.00mm ² = 1.13mm Dia	FPX-210DBK		
1.50mm ²	FPX-215DBK		

*All above are solid core.

4.0mm² Sizes & Other Sheath Colours are available



LPCB Ref. No. 682c/01



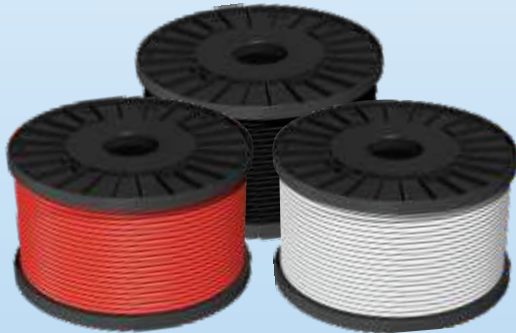
10 YEARS WARRANTY



The Fastest Fire Cable to Install

Context Plus XP is available in a variety of multiple core combinations.

100m, 200m, 500m reels and other special lengths are available.



Supplied On Robust Plastic Reels

- Installer safe and easy handling •
- Better Reeling and damage resistant •
- Weather and moisture resistant •

Manufacturers Recommended Installation Guide Lines

Recommended metal clip spacing 300mm Horizontal
400mm Vertical

Recommended Cable Tray Fastening - Metal Tie, spacing every 1.5 metres.

Installation Temperatures:

Minimum installation Temperature 0°C
Maximum installation Temperature 70°C

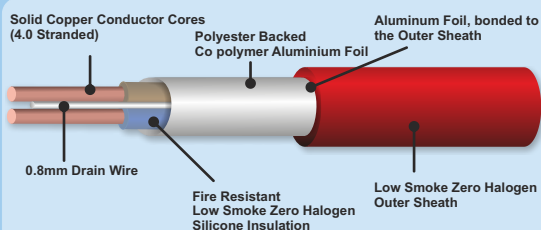
Operating Temperature:

Minimum -40°C to Maximum +90°C.

The cable should not be flexed or bent when either the cable or operating temperature is below the recommended minimum or above the maximum recommended installation temperatures.

Minimum Bend Radius = 6 x Diameter

Plastic clips or ties must not be used as the sole means of support for fire cable.



Specifications

Tested and Complies with	Fire Resistance Standard Fire Resistance Standard Fire Resistance Standard Halogen Emission Standard Low Smoke Standard Single Cable Retardancy Bunched Cable Retardancy	BS EN 50200:2015:Annex E 30 mins BS EN 50200:2015 PH30, PH60 & PH120 BS 6387:2013 Clause 6, 7 & 8 CWZ BS EN 60754-1:2014 BS EN 61034-2:2005+A1:2013 BS EN 60332-1-2:2004 BS EN 60332-3-24 & -3-25:2009
Materials	Drain Wire Conductors Core Installation Screening Outer Sheath	Tinned Annealed Copper Plain Annealed Copper Fire Resistant Silicone Aluminium Foil Low Smoke HFFR Materials
Working Voltage	Core to Core Core to Drain Wire	500V 300V
Types	Outer Sheath Colours Number of Cores Inner Cores CSA	Red, White or Black 2, 3 & 4 Core 0.50, 0.75, 1.0, 1.5 & 2.5mm ² CSA
Resistance Maximum	1.00mm ² CSA 1.50mm ² CSA 2.50mm ² CSA	18.1 Ohms / 1 Km 12.1 Ohms / 1 Km 7.33 Ohms / 1 Km
Minimum Bend Radius	Radius = 6 x Diameter	
Operating Temp. Installation Temp.	Minimum/Maximum Minimum/Maximum	- 40°C to +90°C 0°C to +70°C
Voltage Drop (DC or Single Phase AC)	1.00mm ² CSA 1.50mm ² CSA 2.50mm ² CSA	44 Ohms mV / A / m 29 Ohms mV / A / m 18 Ohms mV / A / m
Approximate Overall Diameter	2 Core	1.00mm ² / 7.75mm 1.50mm ² / 7.85mm 2.50mm ² / 9.20mm
	3 Core	1.00mm ² / 7.95mm 1.50mm ² / 8.80mm 2.50mm ² / 9.70mm
	4 Core	1.00mm ² / 8.20mm 1.50mm ² / 9.45mm 2.50mm ² / 11.70mm
Approximate Weights	2 Core with Drain Wire	1.00mm ² 7.9 Kg / 100 m 1.50mm ² 8.7 Kg / 100 m 2.50mm ² 12.1 Kg / 100 m
	3 Core with Drain Wire	1.00mm ² 9.4 Kg / 100 m 1.50mm ² 12.1 Kg / 100 m 2.50mm ² 17.4 Kg / 100 m
	4 Core with Drain Wire	1.00mm ² 9.7 Kg / 100 m 1.50mm ² 13.1 Kg / 100 m 2.50mm ² 20.2 Kg / 100 m
Current Rating (Current Ratings listed are at 30°C Refer to BS 7671/EE Wiring Regulations for de-rating factor.)	Cable Clipped (DC or Single Phase AC)	1.00mm ² 15A 1.50mm ² 19.5A 2.50mm ² 27A
	Enclosed (DC or Single Phase AC)	1.00mm ² 13A 1.50mm ² 16.5A 2.50mm ² 23A
Capacitance Rating	1.5mm ² CSA 2 Core & Drain Wire 3 Core & Drain Wire 4 Core & Drain Wire ~	Core to Core - Average 70 pF/m Core to Screen - Average 130 pF/m
	2.5mm ² CSA 2 Core & Drain Wire 3 Core & Drain Wire 4 Core & Drain Wire ~	Core to Core - Average 80 pF/m Core to Screen - Average 145 pF/m Core to Core - Average 85 pF/m Core to Screen - Average 165 pF/m
Warranty	Period Identification	10 Years from Date of Manufacture Date of Manufacture Marked On Cable