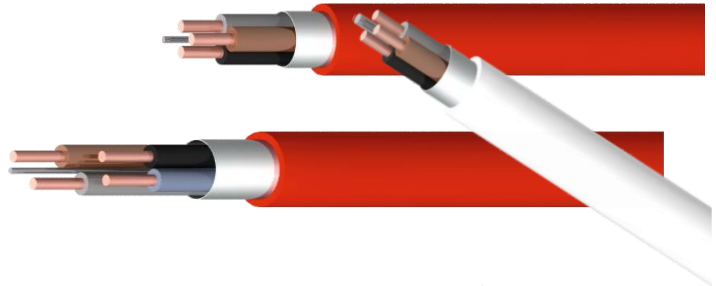


**X-BURN / NOBURN Premium
FIRE PERFORMANCE CABLES**



CHH Conex Premium Fire Cable, certified and approved by LPCB to meets BS EN 50200:2015+ANNEX E 30 mins, BS EN 50200:2015 PH30, PH60 & PH120 and BS 6387:2013 CWZ-under fire condition.

Product Description

NoBurn XP Premium Fire Performance Cable, certified and Approved 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 condition. Cable Core are twisted, Tray Fastening Metal Tie & spacing every 1.5 meters.

Suitable Application

The CHH Conex NoBurn/X-Burn fire cable is specifically crafted for installation in various building types, ensuring reliability in scenarios demanding prolonged operation of fire alarms, emergency lighting, and voice evacuation systems. Certified by LPCB & BASEC, the CHH Conex Premium Fire Performance Cable complies fully with BS 6387:2013 CWZ. Additionally approved and certified to meet BS EN 60332-3-24 & 3-25:2009 Premium Fire Performance Cable Suitable for Tall & Complex Buildings

Tested & Complies with:

Fire Resistance Standard	BS EN 50200:2015:Annex E 30 mins
Fire Resistance Standard	BS EN 50200:2015 PH30, PH60 & PH120
Fire Resistance Standard	BS 6387:2013 Clause 11 CWZ
Flame Retardancy	BS 60332-3-24 & 25:2009
Halogen Emission Standard	BS EN 60754-1:2014
Low Smoke Standard	BS EN 61034-2:2005+A1:2013

Additional Approved

BS EN 60332-3-24 & 25:2009

**Hospitality, Entertainment, Medical Facilities, Commercial Shopping,
Educational institutions Transportation, Emergency Response
Mechanisms**

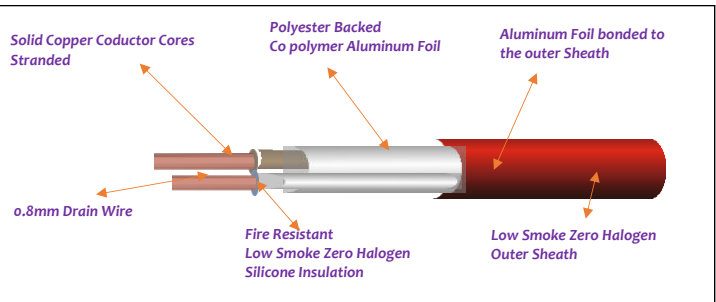
Features

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

- * Up to 12 Twists per metre for Data Protection
- * Red and White Outer Sheaths Available
- * 1.0mm², 1.5mm², 2.5mm² & 4.0mm² Conductors
- * 100m, 200m 500m and Special Lengths Available
- * Aluminum / Co-polymer Foil Screen
- * Low Smoke & Zero Halogen
- * Voltagew Rating 300V / 500V
- * Suitable for Air Conditioning, Computer Control and Lift Doors
- * Supplied on Robust Black Plastic or Plywood Reels

Product Order Codes

CHH VXP - 210DRDCHH1 =	Red Sheath 2 core x 1.0 sqmm
CHH VXP - 215DRDCHH1 =	Red Sheath 2 core x 1.5 sqmm
CHH VXP - 225DRDCHH1 =	Red Sheath 2 core x 2.5 sqmm
CHH VXP - 325DRDCHH1 =	Red Sheath 3 core x 2.5 sqmm
CHH VXP - S340DRDCHH1 =	Red Sheath 3 core x 4.0 sqmm
CHH VXP - 210DWTCHH1 =	White Sheath 2 core x 1.0 sqmm
CHH VXP - 215DWTCHH1 =	White Sheath 2 core x 1.5 sqmm
CHH VXP - 225DWTCHH1 =	White Sheath 2 core x 2.5 sqmm
CHH VXP - 325DWTCHH1 =	White Sheath 3 core x 2.5 sqmm
CHH VXP - S340DWTCHH1 =	White Sheath 3 core x 4.0 sqmm



ADD 200M OR 500M to above codes for those size REELS

Tested to retain continuity under fire conditions as follows:

BS EN 50200:2015+Annex E 30 mins for 30 mins 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 (2hours) at 830°C (up to 40°C) fire & mechanical shock applied every 5 minutes throughout the 2 hour test. (Note: each test above is conducted on the same sample)

BS 6387:2013 CWZ for 180 minutes (3hours) at 950°C (up to 40°C) fire only. = C for 30 minutes 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).

Materials

Drain Wire	Tinned Annealed Copper
Conductors	Plain Annealed Copper
Core Installation	Fire Resistant Silicone
Screening	Aluminum Foil
Outer Sheath	Low Smoke HFFR materials

Working Voltage

Core to Core	500V
Core to Drain Wire	300V

Voltage Drop (DC or Single Phase AC)

1.0mm ² CSA	44 Ohms mV/A / m/ 1 Km
1.5mm ² CSA	29 Ohms mV/A / m/ 1 Km
2.5mm ² CSA	18 Ohms mV/A / m/ 1 Km

Minimum Bend Radius	6 x Diameter
Operating Temp (Min/Max)	-40 °C to +90 °C
Installation Temp (Min/Max)	0 °C to +70 °C

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
	4.00mm ²	29.4 Kg/100 m

Supplied On Robust Plastic Reels Installer safe and Easy handling, Better Reeling and damage resistant Weather and moisture resistant



Recommended Metal Clip	300mm Horizontal
Spacing	400mm Vertical
CE Conformity	Yes
ROHS/REACH	Yes
Warranty Period	10Yrs from date of manufacture

Types

Outer Sheath Colours	Red, White or Black
Number of Cores	2, 3, 4 Core
Inner Cores CSA	1.0, 1.5 & 2.5 mm ² CSA

Maximum Resistance

1.0mm ² CSA	18.1 Ohms / 1 Km
1.5mm ² CSA	12.1 Ohms / 1 Km
2.5mm ² CSA	7.33 Ohms / 1 Km

Current Rating (Current Ratings Listed are at 30 °C Refer to BS7671/EE Wiring Regulations for de-rating factor)

Cable Clipped (DC or Single Phase AC)	1.0mm ²	15A
	1.5mm ²	19.5A
	2.5mm ²	27A
	4.0mm ²	36A

Enclosed (DC or Single Phase AC)	1.0mm ²	13A
	1.5mm ²	16.5A
	2.5mm ²	23A
	4.0mm ²	30A

Capacitance Rating

1.5mm ² CSA	
2 Core & Drain Wire }	Core to Core - Average 70 pF/m
3 Core & Drain Wire }	Core to Screen-Average 130 pF/m

4 Core & Drain Wire	Core to Core - Average 75 pF/m Core to Screen-Average 150 pF/m
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Capacitance Rating

2.5mm ² CSA	
2 Core & Drain Wire }	Core to Core - Average 80 pF/m
3 Core & Drain Wire }	Core to Screen-Average 145 pF/m

4 Core & Drain Wire	Core to Core - Average 85 pF/m Core to Screen-Average 165 pF/m
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Disclaimer

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Manufactured in UK



682a-01



152/00