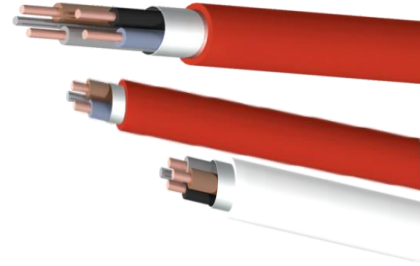


**NOBURN PLATINUM**  
FIRE PERFORMANCE CABLES

**X-BURN GOLD**



CHH Conex Platinum Fire Cable, certified and approved by LPCB and BASEC to fully meet BS 7629-1 fire performance & BS 5839 code of practice requirements of 'STANDARD 60'

**Product Description**

NoBurn Platinum holds certifications from LPCB and BASEC, ensuring full compliance with the fire performance requirements of BS 7629-1 and the code of practice outlined in BS 5839 for 'Standard 60' fire cables used in fire systems. This premium product is exclusively manufactured in the United Kingdom.

**Suitable Application**

The CHH Conex 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 Platinum Fire Performance Cable complies fully with BS 6387:2013 CWZ. Additionally approved and certified to meet BS EN 60332-3-24 & 3-25:2009 Platinum Fire Performance Cable Suitable for Tall & Complex Buildings

**LPCB & BASEC approved**

**Approved and Certified**

STANDARD Fire Cable	BS 5839-1:2017 Clause 26.2d
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 7629-1:2015 Standard 60
Fire Resistance Standard	BS 6387:2013 CWZ
Halogen Emission Standard	BS EN 60754-1:2014
Low Smoke Standard	BS EN 61034-2:2005+A1:2013
Bunched Flame Retardancy	BS EN 60332-3-24 & 3-25:2009
ETP 1 High Grade Copper	BS 60228 Inc, Corrigendum 1

**Designed to comply to**

Emergency Lighting	BS 5266-12016
Voice Alarm Systems Standard	BS 5839-8:2013
Voice Communication Standard	BS 5839-9:2011

(Risk Assessment May Demand Mechanical Protection)

**Features**

- \* Easy to install and Superb Working Flexibility
- \* Up to 12 Twists per metre for Data Protection
- \* Red, White & Black Outer Sheaths Available
- \* 1.0mm<sup>2</sup>, 1.5mm<sup>2</sup>, 2.5mm<sup>2</sup> & 4.0mm<sup>2</sup> Conductors
- \* Aluminum / Co-polymer Foil Screen

- \* Voltage Rating 300V/500V
- \* Suitable for Air Conditioning, Computer Control & Lift
- \* Doors where Low Smoke & Zero Halogen is required
- \* Supplied on Robust Black Plastic or Plywood Reels
- \* Low Smoke & Zero Halogen

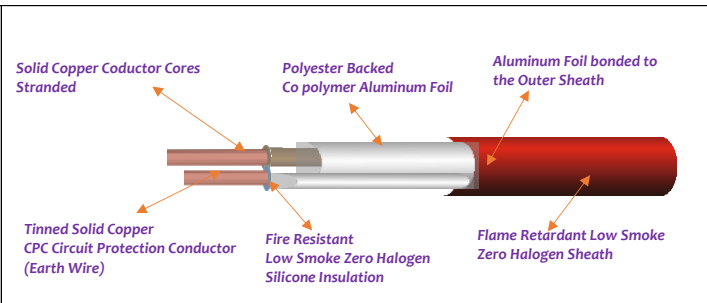
**Product Order Codes Solid conductors LPCB & Basec Approved**

- CHH VFP - 210DRD500MCIDCHH = Red Sheath 2 core x 1.0sqmm
- CHH VFP - 215DRD500MCIDCHH = Red Sheath 2 core x 1.5sqmm
- CHH VFP - 225DRD500MCIDCHH = Red Sheath 2 core x 2.5sqmm
- White sheath
- CHH VFP - 210DWT500MCIDCHH = White Sheath 2 core x 1.0sqmm
- CHH VFP - 215DWT500MCIDCHH = White Sheath 2 core x 1.5sqmm
- CHH VFP - 225DWT500MCIDCHH = White Sheath 2 core x 2.5sqmm

**Product Order Codes Stranded -Basec Approved**

- CHH VFP - S210DRD500MCIDCHH = Red Sheath 2 core x 1.0sqmm
  - CHH VFP - S215DRD500MCIDCHH = Red Sheath 2 core x 1.5sqmm
  - CHH VFP - S225DRD500MCIDCHH = Red Sheath 2 core x 2.5sqmm
  - White sheath
  - CHH VFP - S210DWT500MCIDCHH = White Sheath 2 core x 1.0sqmm
  - CHH VFP - S215DWT500MCIDCHH = White Sheath 2 core x 1.5sqmm
  - CHH VFP - S225DWT500MCIDCHH = White Sheath 2 core x 2.5sqmm
- example : VFP-S225DWT500MCHH  
3 core & 4 core & 4sqmm options available

**All cables supplied full size CPC (Circuit Protected Conductor)**

<p><b>BS EN 50200:2015+Annex E 30 mins</b> ! Fire, Mechanical Shock &amp; Water - 30 mins @ 830°C (Water final 15 mins) <b>BS EN 50200:2015 PH30, PH60 &amp; PH120</b> ! Fire &amp; Mechanical Shock - total of 120 mins @ 830°C (MS every 30 mins) <b>BS 6387:2013 CWZ</b> C - Fire only for 180 mins (3 hours) @ 950°C W- Fire &amp; Water for 30 mins @ 650°C (Water final 15 mins) Z - Fire &amp; Mechanical Shock for 15 mins @ 950°C (MS every 30 seconds)</p>	
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### Materials

CPC (Earth)	Tinned Annealed Copper
Conductors	Plain Annealed Copper
Core Installation	Fire Resistant Silicone
Screening	Aluminum Foil
Outer Sheath	Low Smoke Halogen Free Thermoplastic

### Working Voltage

Core to Core	500V
Core to Drain Wire	300V

### Voltage Drop (DC or Single Phase AC)

1.0mm <sup>2</sup> CSA	44 Ohms mV/ A / m/ 1 Km
1.5mm <sup>2</sup> CSA	29 Ohms mV/ A / m/ 1 Km
2.5mm <sup>2</sup> CSA	18 Ohms mV/ A / m/ 1 Km
4.0mm <sup>2</sup> CSA	11 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 <sup>2</sup> / 7.75mm
	1.50mm <sup>2</sup> / 7.85mm
	2.50mm <sup>2</sup> / 9.20mm
	4.0mm <sup>2</sup> / 11.90mm
3 Core	1.50mm <sup>2</sup> / 8.80mm
	2.50mm <sup>2</sup> / 9.70mm
	4.0mm <sup>2</sup> / 12.60mm
4 Core	1.50mm <sup>2</sup> / 9.40mm
	2.50mm <sup>2</sup> / 11.60mm
	4.0mm <sup>2</sup> / 13.75mm

### Approximate Weights

2 Core with CPC	1.00mm <sup>2</sup>	8.0 Kg/100 m
	1.50mm <sup>2</sup>	9.5 Kg/100 m
	2.50mm <sup>2</sup>	14.1 Kg/100 m
	4.0 mm <sup>2</sup>	20.0 Kg/100 m
3 Core with CPC	1.50mm <sup>2</sup>	12.9 Kg/100 m
	2.50mm <sup>2</sup>	19.1 Kg/100 m
	4.0 mm <sup>2</sup>	20.0 Kg/100 m
4 Core with CPC	1.50mm <sup>2</sup>	14.5 Kg/100 m
	2.50mm <sup>2</sup>	22.2 Kg/100 m
	4.0 mm <sup>2</sup>	31.1 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	300 mm Horizontal
Spacing	400 mm Vertical
CE Conformity	Yes
ROHS/REACH	Yes
Warranty	10Yrs from date of manufacture

### Types

Outer Sheath Colours	Red, White, Black or Orange
Number of Cores	2,3 & 4 Core
Inner Cores CSA	1.0, 1.5, 2.5, 4.0mm <sup>2</sup> CSA

### Resistance

1.0mm <sup>2</sup> CSA	18.1 Ohms / 1 Km
1.5mm <sup>2</sup> CSA	12.1 Ohms / 1 Km
2.5mm <sup>2</sup> CSA	7.41 Ohms / 1 Km
4.0mm <sup>2</sup> CSA	4.61 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 <sup>2</sup>	15A
	1.5mm <sup>2</sup>	19.5A
	2.5mm <sup>2</sup>	27A
	4.0mm <sup>2</sup>	36A

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

### Capacitance Rating

1.5mm <sup>2</sup> CSA	
2 Core & CPC	Core to Core - Average 70 pF/m
3 Core & CPC	Core to Screen-Average 130 pF/m

4 Core & CPC	Core to Core - Average 75 pF/m Core to Screen-Average 150 pF/m
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### Capacitance Rating

2.5mm <sup>2</sup> CSA	
2 Core & CPC	} Core to Core - Average 80 pF/m Core to Screen-Average 145 pF/m
3 Core & CPC	

4 Core & Drain Wire	Core to Core - Average 85 pF/m Core to Screen-Average 165 pF/m
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Manufactured in UK



682a-01



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### Disclaimer

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