



## Cables

### FG FRC 180 PH30 FIRE RATED CABLES

Fireguard cables are manufactured with latest technology to ensure consistent quality and reliability. All the cables are fully traceable with Batch no. Fireguard cables are LPCB approved to BS 6387 and EN50200 for 2, 3, & 4 cores.



#### FEATURES:

- \* Hallogen Free Flame retardant
- \* Low smoke
- \* Supplied on Robust plastic reels
- \* Safe and easy to handle
- \* Weather and moisture resistant
- \* 100m, 500m reels and other special lenghts available on request

#### CONSTRUCTION:

Conductor:	Solid bare copper (IEC / EN228, BS6360, VDE 0295, HD 393)
Insulation:	Fire resistant silicon rubber (HD 22.1, BS 7655 ET2)
Separator:	Polyester type
Drain wire:	.80 mm solid tinned copper
Sheild:	Aluminum laminated polyester tape
Sheath:	HFFR, Red (RAL 3000) or white EN 50290-2, VDE 0207, HM2

#### ELECTRICAL & TECHNICAL PROPERTIES:

Conductor Resistance (max)	1mm <sub>2</sub> : 18Ω/km - 1.5mm <sub>2</sub> : 12Ω/km - 2.5mm <sub>2</sub> : 7.4Ω/km	
Insulation Resistance (min)	200 MΩxkm	
Operating Voltage	300 V / 500 V	Test Voltage 2000 V
Temperature RAnge	fixed -30°C ... +90°C	Flexing -5°C ... +60°C
Min. Bending Radius	fixed 8xcable diameter	Flexing 15xcable diameter
Flame	IEC / EN 60332-1, IEC 60332-3-24 (BS4066 part 1 & 3), EN50266-2-4	
Insulation Integrity	IEC 60331, BS 6387 C, W, Z EN 50200 PH30	
Smoke Density	IEC / EN 61034, BS 7622, HD 606	