



**HALOGEN FREE POWER CABLES**

Cable Description	Conductor	Core Diameter	Cable Diameter
3 x 1.0mm <sup>2</sup>	32/0.20mm	2.60mm ± 0.10mm	7.90mm ± 0.30mm
2 x 2.5mm <sup>2</sup>	50/0.25mm	3.50mm ± 0.10mm	9.30mm ± 0.30mm
3 x 2.5mm <sup>2</sup>	50/0.25mm	3.50mm ± 0.10mm	9.85mm ± 0.30mm

**PRODUCT DESCRIPTION:**

The cables supply power for train control to power distribution panels, typically via a UPS.

**PRODUCT CHARACTERISTICS:**

**Core**

Conductor: Tinned annealed copper to BS6360 Class 5

Insulation: Flame Retardant  
Low Smoke Zero Halogen Compound

Cable Assembly: Cores cabled together plus LSZH fillers as required

Binder: Polyester Tape

Sheath: Yellow Flame Retardant  
Low Smoke Halogen Free Compound

**Colour Code**

Core 1 Blue

Core 2 Brown

Core 3 Green/Yellow

**Cable Characteristics**

Voltage Rating: 600/1000V

Minimum Bend Radius: 3 x diameter mm (fixed installation)

Fire Performance: Cables are designed to meet London Underground Limited 2-01001-002 A1

The information contained in this document is valid and correct at the time of issue. However, we reserve the right to modify details without notice in the light of subsequent Standard / Specification changes and ongoing technical developments. Diagram colours are used for representation only.

