



RailSafe PW

Equipment Room Cable for Cabinets

Technical Characteristics

| | 0.5mm ² | 1.0mm ² |
|-----------------------------|------------------------------|--------------------|
| Physical | | |
| Cable diameter | 2.5mm | 2.9mm |
| Standard Colour | Violet | Red |
| Electrical | | |
| Voltage rating | 600 / 1000V | |
| Voltage test | 3.5kV _{rms} | |
| Conductor resistance @ 20°C | <18.6 Ω/km | <36.7 Ω/km |
| Insulation resistance | >200 MΩkm @ 20°C | |
| Mechanical | | |
| Abrasion resistance | 9N / 150 cycles to BSEN50305 | |
| Notch propagation | PASS to BSEN50305 | |
| Dynamic Cut-Through | >120N to BSEN50305 | |
| Minimum bend radius | 5.0mm | 5.8mm |
| Environmental | | |
| Temperature Index | >280°C | |
| Smoke Emission | PASS To LUL E1042 | |
| Toxicity | PASS To LUL E1042 | |
| Ozone resistance | PASS to BSEN50305 | |
| Cold Bend resistance | -15°C to BSEN60811-1-4 | |
| Shrinkage | <1.5mm to BSEN50305 | |
| Hot Set Test | PASS to BSEN60811-2-1 | |
| Operating temperature range | -15°C to +90°C | |

PRODUCT DESCRIPTION

This cable has been developed to be used in trackside enclosures and equipment rooms.

It is suitable for applications where fire, smoke emission and toxic fume requirements are specified.

PRODUCT CHARACTERISTICS

| | |
|------------|--|
| Conductor | Stranded, annealed tin plated copper conductor |
| Insulation | Dual layer Low Smoke and Zero Halogen compound |

Colours : The standard colours are violet and red but other colours available upon request

This cable is ROHS compliant