



SE 1094

Abrasion Resistant Equipment Room Cable

Technical Characteristics

Physical	
Cable diameter	3.5mm
Electrical	
Voltage rating	600 / 1000V
Voltage test	3.5kV _{rms}
Conductor size	1.0mm ²
Conductor resistance	<18.6 Ω/km @ 20°C
Insulation resistance	>200 MΩkm @ 20°C
Mechanical	
Abrasion resistance	35N to BS7835 (Annex M)
Notch propagation	PASS to BSEN50305
Dynamic Cut-Through	>120N to BSEN50305
Minimum bend radius	5.8mm
Environmental	
Temperature Index	>280°C
Smoke Emission	PASS To LUL 1-085
Toxicity	PASS To LUL 1-085
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

PRODUCT DESCRIPTION

This high performance cable has been developed to be used in equipment rooms, trackside enclosures and signal heads where additional abrasion resistance is beneficial.

In addition, 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
Sheath	Grey Low Smoke and Zero Halogen compound

Colours : The standard colour is Grey, other colours available upon request

This cable is ROHS compliant