

1pair 22awg Screened + 1pair 18awg Lighting Control LSNH



Part Number: 390149E-LSNH-BLU/RED

Description: 1pair 22awg Screened + 1pair 18awg Lighting Control LSNH Blue with Red Stripe

Product Construction

Alternative to Lutron	:	GRX-CBL-346S
Data		
Conductor Material	:	Bare Copper
Conductor Stranding	:	22awg, 7/0.25mm
Insulation Material	:	Polyethylene (PE)
Number of Pairs	:	1
Drain Wire	:	Tinned Copper, 24awg
Screening 1	:	Overall Aluminium Foil
Screening 1 Coverage	:	>100%
Core Colours	:	White, Violet

Power

Conductor Material	:	Bare Copper
Conductor Stranding	:	18awg, 7/0.40mm
Insulation Material	:	Polyethylene (PE)
Number of Cores	:	2
Core Colours	:	Black, Red

Overall Construction

Sheath Material	:	Low Smoke Non-Halogen (LSNH)
Sheath Colour	:	Blue + Red Stripe

Mechanical Characteristics

Overall Diameter	:	5.0mm \pm 0.2mm
Temperature Range	Fixed	-20°C to +70°C
	Flexing	0°C to +70°C
Bend Radius	:	10 x Overall Diameter
Weight	:	45 kg/km

Electrical Characteristics

Max. Conductor DC Resistance @ 20°C	: Data	$\leq 55.4 \Omega/\text{km}$
	: Power	$\leq 21.9 \Omega/\text{km}$
Capacitance, Data	Core to Core	82 pF/m \pm 15
	Core to Screen	165 pF/m \pm 25
Insulation Resistance @ 20°C	:	$\geq 5000 \text{ M}\Omega \cdot \text{Km}$
Voltage Rating	:	300/300V

Certifications & Standards

Flame Retardancy	:	BS EN 60332-1-2
Low Smoke	:	BS EN 61034-2
Halogen Gas	:	BS EN 60754-1&2
CE Compliant	:	Yes
RoHS 3 Compliant	:	Yes
REACH Compliant	:	Yes
CPR CE Classification	:	Eca to EN 50575:2014+A1:2016



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