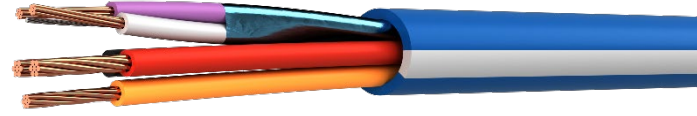


Technical Document  
WEB 12/22 White Stripe  
Lighting Control LSNH

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Part Number: 390152E-LSNH-BLU/WHT

Description: WEB 12/22 1pair 22awg Screened +  
1pair 12awg + 1core 18awg LSNH Blue with White



**Product Construction**

Alternative to Lutron	:	GRX-CBL-46L
<b>Data</b>		
Conductor Material	:	Bare Copper
Conductor Stranding	:	22awg, 7/0.25mm
Insulation Material	:	Polyethylene (PE)
Number of Pairs	:	1
Core Colours	:	White, Violet
Drain Wire	:	Tinned Copper, 24awg
Screening 1	:	Overall Aluminium Foil
Screening 1 Coverage	:	>100%



	12awg	18awg
Conductor Material	: Bare Copper	Bare Copper
Conductor Stranding	: 12awg, 7/0.76mm	18awg, 7/0.40mm
Insulation Material	: Polyethylene (PE)	Polyethylene (PE)
Number of Cores	: 2	1
Core Colours	: Black, Red	Orange

**Overall Construction**

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

**Mechanical Characteristics**

Overall Diameter	:	8.0mm ± 0.2mm
Temperature Range	Fixed	: -20°C to +70°C
	Flexing	: 0°C to +60°C
Bend Radius	:	10 x Overall Diameter
Weight	:	80 kg/km

**Electrical Characteristics**

Conductor DC Resistance @ 20°C	: Data	≤ 55.4 Ω/km	
	: Power	≤ 5.41 Ω/km (12awg)	≤ 21.9 Ω/km (18awg)
Capacitance, Data	Core to Core	: 75 pF/m ± 15	
	Core to Screen	: 125 pF/m ± 25	
Insulation Resistance @ 20°C	:	≥ 5000 M Ω*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
RoHS 3 Compliant	:	Yes
REACH Compliant	:	Yes
UKCA CPR Classification	:	Eca to BS EN 50575:2014+A1:2016

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