

Technical Document
WEB 18/22 Red Stripe
Lighting Control Duct Grade PE Black

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Part Number: 390150F-DUCT-BLK
Description: WEB 18/22 Red Stripe 1pair 22awg +
1pair 18awg Duct Grade PE Black



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
Core Colours	:	White, Violet
Drain Wire	:	Tinned Copper, 24awg
Screening 1	:	Overall Aluminium Foil
Screening 1 Coverage	:	>100%



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		
Inner Sheath Material	:	Low Smoke Non-Halogen (LSNH)
Inner Sheath Colour	:	Blue + Red Stripe
Outer Sheath Material	:	Polyethylene (PE)
Outer Sheath Colour	:	Black

Mechanical Characteristics

Overall Diameter	:	7.4mm ± 0.3mm
Temperature Range	Fixed	-20°C to +70°C
	Flexing	0°C to +60°C
Bend Radius	:	10 x Overall Diameter
Weight	:	61 kg/km

Electrical Characteristics

Conductor DC Resistance @ 20°C	:	Data	≤ 55.4 Ω/km
	:	Power	≤ 21.9 Ω/km
Capacitance, Data	Core to Core	:	82 pF/m ± 15
	Core to Screen	:	165 pF/m ± 25
Insulation Resistance @ 20°C	:		≥ 5000 M Ω*km
Voltage Rating	:		300/300V

Certifications & Standards

RoHS 3 Compliant	:	Yes
REACH Compliant	:	Yes
UKCA CPR Classification	:	Fca to BS EN 50575:2014+A1:2016

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Webro Cables & Connectors Ltd

Vision House, Meadow Brooks Business Park, Meadow Lane, Long Eaton, Nottingham NG10 2GD, UK
Tel: +44 (0)115 9724483 | Fax: +44 (0)115 9461230 | sales@webro.com | www.webro.com

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