

Technical Document
Alternative to Belden 9740
1pair 18awg LSNH Grey

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Part Number: 429740E-LSNH-SLT
Description: Alternative to Belden 9740 1pair
18awg Unscreened LSNH Grey



Product Construction

Alternative to Belden	:	9740 NH
Conductor Material	:	Tinned Copper
Conductor Stranding	:	18awg; 16/0.25mm
Insulation Material	:	Low Smoke Non-Halogen (LSNH)
Number of Pairs	:	1
Core Colours	:	Black, Red
Sheath Material	:	Low Smoke Non-Halogen (LSNH)
Sheath Colour	:	Grey

Mechanical Characteristics

Overall Diameter	:	5.6mm ± 0.20mm
Temperature Range	Fixed :	-10°C to +70°C
	Flexing :	0°C to +70°C
Bend Radius	:	10 x Overall Diameter
Weight	:	35 kg/km

Electrical Characteristics

Conductor DC Resistance @20°C	:	≤ 22.7 Ω/km
Capacitance Core to Core	:	59 pF/m ± 20
Insulation Resistance @ 20°C	:	≥ 200 MΩ *M
Voltage Rating	:	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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