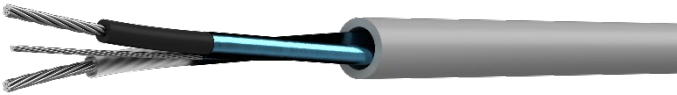


Technical Document
Alternative to Belden 8760
1pair 18awg LSNH Grey



Part Number: 428760E-LSNH
Description: Alternative to Belden 8760 1pair
18awg Overall Foil Screened LSNH Grey



Product Construction		
Alternative to Belden	:	8760 NH
Conductor Material	:	Tinned Copper
Conductor Stranding	:	18awg; 16/0.25mm
Insulation Material	:	Polyethylene (PE)
Number of Pairs	:	1
Core Colours	:	Clear & Black
Screening 1	:	Overall Aluminium Foil
Screening 1 Coverage	:	>100%
Drain Wire	:	Tinned Copper, 20awg Stranded
Sheath Material	:	Low Smoke Non-Halogen (LSNH)
Sheath Colour	:	Grey



Mechanical Characteristics		
Overall Diameter	:	5.8mm ± 0.30mm
Temperature Range	Fixed	-20°C to +70°C
	Flexing	0°C to +70°C
Bend Radius	:	15 x Overall Diameter
Weight	:	43 kg/km

Electrical Characteristics		
Conductor DC Resistance @20°C	:	≤ 22.7 Ω/km
Loop Resistance @ 20°C	:	≤ 45.4 Ω/km
Capacitance	Core to Core	75 pF/m ± 15
	Core to Screen	140 pF/m ± 25
Insulation Resistance @ 20°C	:	≥ 200 MΩ *M
Voltage Rating	:	300/500V

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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