

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

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Part Number: 428760E

Description: Alternative to Belden 8760 1pair
18awg Overall Foil Screened LSF Grey



Product Construction

Alternative to Belden	:	8760
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 & Fume (LSF)
Sheath Colour	:	Grey



Mechanical Characteristics

Overall Diameter	:	5.7mm ± 0.30mm
Temperature Range	Fixed	-10°C to +70°C
	Flexing	0°C to +70°C
Bend Radius	:	10 x Overall Diameter
Weight	:	43 kg/km

Electrical Characteristics

Conductor DC Resistance @20°C	:	≤ 25.7 Ω/km
Capacitance	Core to Core	79 pF/m ± 15
	Core to Screen	150 pF/m ± 25
Insulation Resistance @ 20°C	:	≥ 200 MΩ *M
Voltage Rating	:	300V

Certifications & Standards

Flame Retardancy	:	BS EN 60332-1-2
RoHS 3 Compliant	:	Yes
REACH Compliant	:	Yes
UKCA CPR Classification	:	Eca to BS EN 50575:2014+A1:2016

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