

Technical Document  
Alternative to Belden 8471  
1pair 16awg LSF Grey

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Part Number: 428471E

Description: Alternative to Belden 8471 1pair  
16awg Unscreened LSF Grey



**Product Construction**

Alternative to Belden	:	8471
Conductor Material	:	Tinned Copper
Conductor Stranding	:	16awg; 19/0.28mm
Insulation Material	:	Polyvinyl Chloride (PVC)
Number of Pairs	:	1
Core Colours	:	White & Black
Sheath Material	:	Low Smoke & Fume (LSF)
Sheath Colour	:	Grey

**Mechanical Characteristics**

Overall Diameter	:	7.0mm ± 0.30mm
Temperature Range	Fixed	-20°C to +70°C
	Flexing	0°C to +70°C
Bend Radius	:	15 x Overall Diameter
Weight	:	65 kg/km

**Electrical Characteristics**

Conductor DC Resistance @20°C	:	≤ 15.6 Ω/km
Capacitance	Core to Core	108 pF/m ± 20
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
CE CPR Classification	:	Eca to EN 50575:2014+A1:2016



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