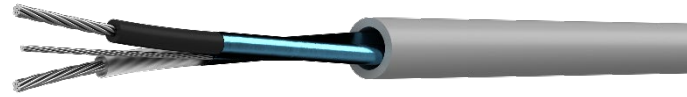


Technical Document  
Alternative to Belden 8761  
1pair 22awg LSNH Grey

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Part Number: 428761E-LSNH  
Description: Alt. to Belden 8761 1pair 22awg  
Overall Foil Screened Low Smoke Non-Halogen Grey



**Product Construction**

Alternative to Belden	:	8761
Conductor Material	:	Tinned Copper
Conductor Stranding	:	22awg; 7/0.25mm
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, 22awg Stranded
Sheath Material	:	Low Smoke Non-Halogen (LSNH)
Sheath Colour	:	Grey



**Mechanical Characteristics**

Overall Diameter	:	4.4mm ± 0.30mm
Temperature Range	Fixed	-10°C to +70°C
	Flexing	0°C to +70°C
Bend Radius	:	10 x Overall Diameter
Weight	:	24 kg/km

**Electrical Characteristics**

Conductor DC Resistance @20°C	:	≤ 58.6 Ω/km
Capacitance	Core to Core	79 pF/m ± 15
	Core to Screen	154 pF/m ± 25
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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