

Technical Document
Alternative to Belden 8723
2pair 22awg LSNH White

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Part Number: 428723E-LSNH-WHT
Description: Alternative to Belden 8723 2pair
22awg Individual Foil Screened Pairs LSNH White



Product Construction

Alternative to Belden	:	8723 NH
Conductor Material	:	Tinned Copper
Conductor Stranding	:	22awg; 7/0.25mm
Insulation Material	:	Solid Polyethylene (SPE)
Number of Pairs	:	2
Core Colours	:	Black/Red, Green/White
Screening 1	:	Aluminium Foil Around Each Pair
Screening 1 Coverage	:	>100%
Drain Wire	:	Tinned Copper, 24awg Stranded
Sheath Material	:	Low Smoke Non-Halogen (LSNH)
Sheath Colour	:	White



Mechanical Characteristics

Overall Diameter	:	4.2mm ± 0.20mm
Temperature Range	Fixed	-10°C to +70°C
	Flexing	0°C to +70°C
Bend Radius	:	10 x Overall Diameter
Weight	:	33 kg/km

Electrical Characteristics

Conductor DC Resistance @20°C	:	≤ 60.2 Ω/km
Capacitance	Core to Core	83 pF/m ± 15
	Core to Screen	162 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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