

Technical Document
Alternative to Belden 8471
1pair 16awg LSNH Violet

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Part Number: 428471E-LSNH-VLT

Description: Alternative to Belden 8471 1pair
16awg Unscreened LSNH Violet



Product Construction

Alternative to Belden	:	8471 NH
Alternative to Trend	:	TP/1/0/16/HF
Conductor Material	:	Tinned Copper
Conductor Stranding	:	16awg; 19/0.28mm
Insulation Material	:	Low Smoke Non-Halogen (LSNH)
Number of Pairs	:	1
Core Colours	:	White & Black
Sheath Material	:	Low Smoke Non-Halogen (LSNH)
Sheath Colour	:	Violet



Mechanical Characteristics

Overall Diameter	:	7.0mm $\pm$ 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	:	$\leq$ 14.3 Ω /km
Capacitance Core to Core	:	53 pF/m $\pm$ 20
Insulation Resistance @ 20°C	:	$\geq$ 200 M Ω *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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