

Technical Document
Alternative to Belden 9505
5pair 24awg LSNH Grey

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Part Number: 429505E-LSNH-01

Description: Alternative to Belden 9505 5pair
24awg Overall Foil Screened LSNH Grey



Product Construction

Alternative to Belden	:	9505 NH
Conductor Material	:	Tinned Copper
Conductor Stranding	:	24awg; 7/0.20mm
Insulation Material	:	Low Smoke Non-Halogen (LSNH)
Number of Pairs	:	5
Core Colours	:	Black/Red, Black/White, Black/Green Black/Blue, Black/Yellow
Drain Wire	:	Tinned Copper, 24awg Stranded
Screening 1	:	Overall Aluminium Foil
Screening 1 Coverage	:	>100%
Sheath Material	:	Low Smoke Non-Halogen (LSNH)
Sheath Colour	:	Grey



Mechanical Characteristics

Overall Diameter	:	7.4mm ± 0.20mm
Temperature Range	Fixed	-10°C to +70°C
	Flexing	0°C to +70°C
Bend Radius	:	10 x Overall Diameter
Weight	:	60 kg/km

Electrical Characteristics

Conductor DC Resistance @20°C	:	≤ 90.9 Ω/km
Capacitance	Core to Core	85 pF/m ± 20
	Core to Screen	130 pF/m ± 35
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
Suitable Protocol	:	RS 232
RoHS 3 Compliant	:	Yes
REACH Compliant	:	Yes
UKCA CPR Classification	:	Eca to BS EN 50575:2014+A1:2016

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