

Alternative to Belden 9841 1pair 24awg LSNH Grey



Part Number: 429841E-LSNH

Description: Belden Alternative 9841 1pair 24awg Overall Foil & Braid Screen LSNH Grey

Product Construction

Alternative to Belden	:	9841 NH
Conductor Material	:	Tinned Copper, Stranded
Conductor Stranding	:	24awg, 7/0.20mm
Insulation Material	:	Polyethylene (PE)
Number of Pairs	:	1
Screening 1	:	Overall Aluminium Foil
Screening 1 Coverage	:	>100%
Drain Wire	:	Tinned Copper, 24awg Stranded
Screening 2	:	Overall Tinned Copper Wire Braid
Screening 2 Coverage	:	>100%
Sheath Material	:	Low Smoke Non-Halogen (LSNH)
Sheath Colour	:	Grey
Core Colours	:	Blue with a White Stripe; White with a Blue Stripe

Mechanical Characteristics

Overall Diameter	:	5.8mm ± 0.2mm
Temperature Range	Fixed	: -20°C to +70°C
	Flexing	: 0°C to +70°C
Bend Radius	:	15 x Overall Diameter
Weight	:	54 kg/km

Electrical Characteristics

Nom. Conductor DC Resistance @ 20°C:	:	≤ 83.0 Ω/km
Insulation Resistance	:	>5000 MΩ.KM
Capacitance	Core to Core	: 42 pF/m ± 15
	Core to Screen	: 75 pF/m ± 20
Impedance	:	120 Ω ± 15
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

