

Alternative to Belden 9842 2pair 24awg LSNH Grey



Part Number: 429842E-LSNH

Description: Belden Alternative 9842 2pair 24awg Overall Foil & Braid Screen LSNH Grey

Product Construction

Alternative to Belden	:	9842 NH
Conductor Material	:	Tinned Copper, Stranded
Conductor Stranding	:	24awg, 7/0.20mm
Insulation Material	:	Polyethylene (PE)
Number of Pairs	:	2
Core Colours	:	Blue with a White Stripe; White with a Blue Stripe Orange with a White Stripe; White with an Orange Stripe
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



Mechanical Characteristics

Overall Diameter	:	8.5mm ± 0.2mm
Temperature Range	Fixed :	-20°C to +70°C
	Flexing :	0°C to +70°C
Bend Radius	:	15 x Overall Diameter
Weight	:	73 kg/km

Electrical Characteristics

Nom. Conductor DC Resistance @ 20°C:	:	≤ 90.9 Ω/km
Insulation Resistance	:	>5000 MΩ.KM
Capacitance	Core to Core :	40 pF/m ± 15
	Core to Screen :	80 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