

Part Number: 2401POHPH06-E00
Description: 1 x 2 x 24(7)AWG One Pair Foil & Braid Screened Low Smoke Halogen Free (LSHF) Data Cable



Construction

Conductor Material	:	Tinned Copper, 24(7)awg
Insulation Material	:	Polyethylene (PE)
Number of Pairs	:	1
Overall Screen 1	:	Aluminium Foil (100% Coverage)
Drain Wire	:	Tinned Copper, 24(7)awg
Overall Screen 2	:	Tinned Copper Wire Braid (90% Coverage)
Outer Sheath Material	:	Low Smoke Halogen Free (LSHF)
Outer Sheath Colour	:	Violet
Core Identification	:	White/Blue Stripe, Blue/White Stripe
Alternative to Belden	:	9841

Electrical Characteristics

Nominal Conductor Resistance	:	< 86.2 Ω /km
Insulation Resistance	:	> 200M Ω .M
Impedance	:	120 Ohm \pm 25
Capacitance	Core to Core	: 42 pF/m \pm 20
	Core to Screen	: 76 pF/m \pm 35
Voltage Rating	:	450/750V <i>Applies to CE marked FSC branded stock only</i>
Test Voltage	:	2.5kV for 5 minutes

Physical Characteristics

Overall Diameter	:	5.9 \pm 0.2mm
Min. Bend Radius	:	10 x OD
Temperature Rating	:	-20°C to +70°C
Weight	:	64 kg/km

Standards

Flame Retardant	:	BS EN 60332-1-2
Low Smoke Generation	:	BS EN 61034-2
Halogen Gas Emission	:	BS EN 60754-1&2
RoHS3 Compliant	:	Yes
CE Compliant	:	LVD (2014/35/EU), CPR (305/2011)
CPR Classification	:	Eca (EN50575:2014+A1:2016)