

Part Number: 2407PTMFH-E00
Description: 7 x 2 x 24(7)AWG Seven Pair Individually Foil Screened Pairs & Overall Foil & Braid Screen Low Smoke Halogen Free (LSHF) Data Cable



Construction

Conductor Material	: Tinned Copper, 24(7)awg
Insulation Material	: Foamed Polyethylene (FPE)
Number of Pairs	: 7
Drain Wire	: Tinned Copper, 24(7)awg, Each Pair
Individual Screen	: Aluminium Foil, Each Pair (100% Coverage)
Tape	: Polyester, Each Pair
Overall Screen 1	: Aluminium Foil (100% Coverage)
Overall Screen 2	: Tinned Copper Wire Braid (65% Coverage)
Outer Sheath Material	: Low Smoke Halogen Free (LSHF)
Outer Sheath Colour	: Grey
Core Identification	: Black/Red, Black/White, Black/Green, Black/Blue, Black/Yellow, Black/Brown, Black/Orange
Alternative to Belden	: 8167

Electrical Characteristics

Nominal Conductor Resistance	: < 86.2 Ω/km
Insulation Resistance	: > 200MΩ.M
Impedance	: 100 Ohm ± 25
Capacitance	Core to Core : 41 pF/m ± 20
	Core to Screen : 72 pF/m ± 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	: 11.3 ± 0.3mm
Min. Bend Radius	: 10 x OD
Temperature Rating	: -20°C to +70°C
Weight	: 158 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)