

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

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| 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

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|------------------------------|---|
| 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

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|--------------------|------------------|
| Overall Diameter | : 11.3 ± 0.3mm |
| Min. Bend Radius | : 10 x OD |
| Temperature Rating | : -20°C to +70°C |
| Weight | : 158 kg/km |

Standards

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|----------------------|------------------------------------|
| 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) |