

Part Number: 2401POHPH+-E00
Description: 1 x 2 x 24(7)AWG One Pair Foil & Braid Screened Low Smoke Halogen Free (LSHF) Modbus 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 | : | Grey |
| Core Identification | : | White/Blue Stripe, Blue/White Stripe (Please note the core identification may be supplied as banding or vertical stripes) |
| Alternative to Belden | : | YM29560 |

Electrical Characteristics

| | | |
|------------------------------|----------------|---|
| Nominal Conductor Resistance | : | < 86.2 Ω/km |
| Insulation Resistance | : | > 200MΩ.M |
| Impedance | : | 120 Ohm ± 25 |
| Capacitance | Core to Core | : 42 pF/m ± 20 |
| | Core to Screen | : 76 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 | : | 6.7 ± 0.2mm |
| Min. Bend Radius | : | 10 x OD |
| Temperature Rating | : | -20°C to +70°C |
| Weight | : | 70 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) |