

Part No: 2401POHPL-E00
Description: 1 x 2 x 24(7)AWG Overall Foil & Braid Screened Paired Data 24AWG RS485 Low Capacitance Grey LSF



Construction

Conductor Material : Tinned Copper, 24(7)awg
 Pair Insulation Material : High Density Polyethylene (HDPE)
 Number of Pairs : 1
 Overall Screen 1 : Overall Aluminium Foil (100% Coverage)
 Drain Wire : Tinned Copper, 24(7)awg
 Overall Screen 2 : Tinned Copper Wire Braid (90% Coverage)
 Inner Sheath Material : Low Smoke and Fume (LSF)
 Inner 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 : 9841

Electrical Characteristics

Nominal Conductor Resistance : < 92 Ω/km
 Insulation Resistance : > 200MΩ.M
 Characteristic Impedance : 120 Ω
 Capacitance Core to core : 42 pF/m
 Core to screen : 76 pF/m
 Nominal Velocity of Propagation : 66%
 Voltage Rating : 450/750V *Applies to CE marked FSC branded stock only*
 Test Voltage : 2.5kV for 5 minutes

Physical Characteristics

Overall Diameter : 5.8 ± 0.2mm
 Min. Bend Radius : 10 x OD
 Temperature Rating : -20°C to +80°C
 Weight : 64 kg/km

Standards

Flame Retardant : EN 60332-1-2
 RoHS2 Compliant : Yes
 CE Compliant : LVD (2014/35/EU), CPR (305/2011)
 CPR Classification : E_{CA} (EN50575:2014+A1:2016)