

Part No: 2401POHPA
Description: 1 x 2 x 24(7)AWG Overall Foil & Braid Screened Paired Data 24AWG RS485 Low Capacitance Black SWA



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)
1 st Inner Sheath Material	: Low Smoke Halogen Free (LSHF)
1 st Inner Sheath Colour	: Grey
2 nd Inner Sheath Material	: Polyethylene
2 nd Inner Sheath Colour	: Black
Armour	: Helical lapped Galvanised Steel Wire Armour
Outer Sheath Material	: Polyethylene
Outer Sheath Colour	: Black
Core Identification	: White/Blue Stripe-Blue/White Stripe
Alternative to Belden	: 9841 Armoured

Electrical Characteristics

Nominal Conductor Resistance	: < 86 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	: 12.7 ± 0.5mm
Min. Bend Radius	: 10 x OD
Temperature Rating	: -40°C to +70°C
Weight	: 192 kg/km

Standards

RoHS2 Compliant	: Yes
CE Compliant	: LVD (2014/35/EU)