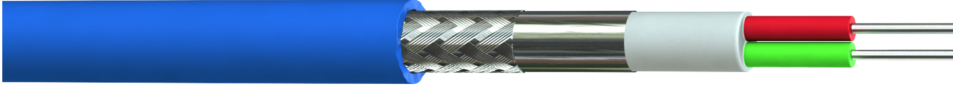


Part No: 1801PODF
Description: Foundation Fieldbus / Profibus PA 1 x 2 x 18(7)AWG One Pair Foil & Braid Screened Polyvinyl Chloride (PVC) Data Cable Blue



Construction

Conductor Material	: Tinned Copper, 18(7)awg
Insulation Material	: Foamed-Skin Polyolefin (FSPO)
Number of Pairs	: 1
Overall Tape	: Polyester
Inner Bedding	: Polyvinyl Chloride (PVC)
1 st Overall Screen	: Aluminium Foil (100% Coverage)
2 nd Overall Screen	: Tinned Copper Wire Braid (≥70% Coverage)
Sheath Material	: Polyvinyl Chloride (PVC)
Sheath Colour	: Blue
Core Identification	: Red & Green

Electrical Characteristics

Nominal Conductor Resistance	: ≤ 21 Ω/km
Insulation Resistance @ 20°C	: Min. 5000 MΩ x km
Dielectric Strength	: 1.0 kV x 1'
Nom. Capacitance @ 800 – 1200 Hz	: 65 pF/m
Capacitance Unbalanced	: ≤ 2000 pF/km
Impedance @ 31.25 KHz	: 100 Ω ± 20
Nom. Attenuation @ 38.25 KHz	: 2.9 dB/km
Voltage Rating	: 300V

Transmission Performance

Physical Characteristics

Overall Diameter	: 8.0 ± 0.30mm
Bend Radius (Fixed)	: 10 x OD
Temperature Rating	: -10°C to 70°C
Maximum Pulling Strength (Fixed)	: 50 N/mm ²
Weight	: 80 kg/km

Standards

Flame Retardant	: BS EN 60332-1-2
RoHS3 Compliant	: Yes
CE Compliant	: LVD (2014/35/EU)