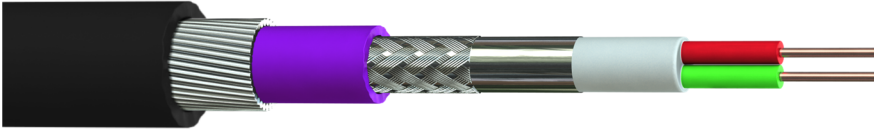


Part No: 2201PODFHA
Description: Profibus DP Fast Connect 1 x 2 x 22(1)AWG One Pair Foil & Braid Screened Armoured Cable Low Smoke Halogen Free (LSHF) Black



Construction

Conductor Material : Tinned Copper, 22(1)awg
 Insulation Material : Foamed-Skin Polyethylene (FSPE)
 Number of Pairs : 1
 Overall Tape : Polyester
 Inner Bedding : Low Smoke Halogen Free (LSHF)
 1st Overall Screen : Aluminium Foil (100% Coverage)
 2nd Overall Screen : Tinned Copper Wire Braid
 Inner Sheath Material : Low Smoke Halogen Free (LSHF)
 Inner Sheath Colour : Violet
 Armour : Galvanised Steel Wire Armour (SWA)
 Outer Sheath Material : Low Smoke Halogen Free (LSHF)
 Outer Sheath Colour : Black
 Core Identification : Red & Green

Electrical Characteristics

Nominal Conductor Resistance : < 57 Ω/km
 Nominal Loop Resistance : < 115 Ω/km
 Insulation Resistance @ 20°C : Min. 5G Ω x km
 Screen Resistance : < 9.5 mΩ/m
 Operating Capacitance : 30 nF/km
 Transfer Impedance @ 10MHz : < 20 mΩ/m
 Voltage Rating : 125 V
 Test Voltage : 1000 V DC

Transmission Performance

Frequency (MHz)	Attenuation (dB/100m)	Impedance (Ohm)
0.0096	2.5	250 ± 25
0.0384	4.0	185 ± 18
4.0	22.0	150 ± 15
16.0	42.0	150 ± 15
20.0	45.0	150 ± 15

Physical Characteristics

Overall Diameter : 11.5 ± 0.4mm
 Bend Radius : Fixed 6 x OD Flexing 12 x OD
 Temperature Rating : Fixed -20°C to 70°C Flexing -0°C to 70°C
 Maximum Traction Force : 100N
 Weight : 188 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)