

**Part Number:** 2403POBP  
**Description:** Interbus 3 Pair 0.22mm<sup>2</sup> Three Pair Braid Screened Polyvinyl Chloride (PVC) Violet



### Construction

Conductor Material : Bare Copper  
 Conductor Size : 0.22mm<sup>2</sup>, 7/0.2mm  
 Insulation Material : Polyethylene (PE)  
 Number of Pairs : 3  
 Overall Tape 1 : Polyester  
 Overall Screen : Bare Copper Wire Braid (85% Coverage)  
 Overall Tape 2 : Fleece  
 Outer Sheath Material : Polyvinyl Chloride (PVC)  
 Outer Sheath Colour : Violet  
 Core Identification : White/Brown. Green/Yellow, Grey/Pink

### Electrical Characteristics

Nominal Conductor Resistance : < 86.2 Ω/km  
 Impedance (64KHz) : 120 Ω ± 18  
 Impedance (≥1MHz) : 100 Ω ± 15  
 Transfer Impedance : 225 mΩ/m  
 Nominal Capacitance (800Hz) : 55 pF/m  
 Voltage Rating : 300V  
 Test Voltage : 1000V for 1 minute

### Transmission Frequency

Frequency (MHz)	Attenuation (dB/100m)
0.256	1.5
0.772	2.4
1	2.7
4	5.2
10	8.4
16	11.2
20	11.9

### Physical Characteristics

Overall Diameter : 7.0 ± 0.2mm  
 Min. Bend Radius : 10 x OD  
 Temperature Rating : -20°C to +70°C  
 Weight : 39 kg/km

### Standards

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