

**Part No:** 2401POHPD  
**Description:** 1 x 2 x 24(7)AWG Overall Foil & Braid Screened Paired Data 24AWG RS485 Low Capacitance Grey. Suitable for Duct and External Applications



### 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 : Polyvinyl Chloride (PVC), Grey  
 Outer Sheath Material : Polyethylene (PE), Black  
 Core Identification : White/Blue Stripe - Blue/White Stripe  
 Alternative to Belden : 9841 Duct

### 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 : 8.7 ± 0.2mm  
 Min. Bend Radius : 10 x OD  
 Temperature Rating : -20°C to +70°C  
 Weight : 92 kg/km

### Standards

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