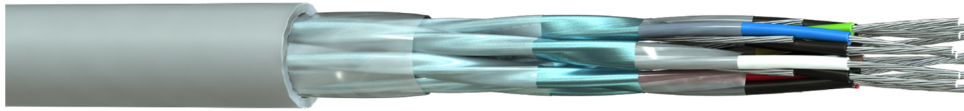


**Description:** 22AWG Multi Pair Individually Foil Screened Data Cable. Low Smoke Halogen Free

### Construction

Conductor Material : Tinned Copper, 22(7)awg  
 Insulation Material : Polypropylene (PP)  
 Drain Wire : Tinned Copper, 24(7)awg  
 Individual Screen : Aluminium Foil, Each Pair (100% Coverage)  
 Individual Tape : Polyester, Each Pair  
 Overall Tape : Polyester  
 Outer Sheath Material : Low Smoke Halogen Free (LSHF)  
 Outer Sheath Colour : Grey  
 Core Identification : Colour Chart 3  
 Alternative to Belden : See table

### Electrical Characteristics

Nominal Conductor Resistance : < 53 Ω/km  
 Insulation Resistance : > 200MΩ.M  
 Characteristic Impedance : 50 Ω  
 Capacitance Core to core : 98 pF/m  
                   Core to screen : 180 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

Min. Bend Radius : 10 x OD  
 Temperature Rating : -20°C to +80°C (Fixed)  
 Weight : See table

### Standards

Flame Retardant : IEC 60332-1-2  
 Low Smoke Generation : IEC 61034-2  
 Halogen Gas Emission : IEC 60754-1&2  
 RoHS2 Compliant : Yes  
 CE Compliant : LVD (2006/95/EC)

Part No.	Alternative to Belden	No. of Pairs	O/D (mm)	Weight kg/km
2203PIFRH	8777	3	7.0	70
2206PIFRH	8778	6	9.2	123
2209PIFRH	8774	9	10.6	177
2212PIFRH	9768	12	12.1	226

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