

**Description:** 24awg Twisted Pair Data Cable With An Overall Foil Screen Suitable For RS 232 Applications. Low Smoke And Fume Throughout.



### Construction

Conductor Material : Tinned Copper, 24(7)awg  
 Insulation Material : Low Smoke and Fume (LSF)  
 Overall Screen : Aluminium Foil (100% Coverage)  
 Drain Wire : Tinned Copper, 24(7)awg  
 Outer Sheath Material : Low Smoke and Fume (LSF)  
 Sheath Colour : Grey  
 Core Identification : Colour Chart 3  
 Belden Alternative : 9501 – 9510, 9515, 9519 & 9525

### Electrical Characteristics

Nominal Conductor DC Resistance @ 20°C : < 79 Ω/km  
 Insulation Resistance : > 200 MΩ.M  
 Capacitance Core to core : 98 pF/m 1 pair only : 131 pF/m  
 Core to core & screen : 164 pF/m 1 pair only : 243 pF/m  
 Nominal Velocity of Propagation : 60%  
 Voltage Rating : 450/750V *Applies to CE marked FSC branded stock only*  
 Test Voltage : 2.5kV for 5 minutes  
 Current Carrying Capacity : 1.1 Amps per conductor @ 25°C

### Physical Characteristics

Min. Bend Radius : 10 x OD  
 Temperature Rating : -20°C to +70°C  
 Weight : See table

### Standards

Flame Retardant : EN 60332-1-2  
 RoHS2 Compliant : Yes  
 CE Compliant : LVD (2006/95/EC)

Part No.	Alternative to Belden	No. of Pairs	O/D (mm)	Weight kg/km	Part No.	Alternative to Belden	No. of Pairs	O/D (mm)	Weight kg/km
2401POFYL	9501	1	3.9	21	2408POFYL	9508	8	8.2	97
2402POFYL	9502	2	5.6	32	2409POFYL	9509	9	8.5	104
2403POFYL	9503	3	5.9	49	2410POFYL	9510	10	9.3	119
2404POFYL	9504	4	6.7	54	2415POFYL	9515	15	10.5	160
2405POFYL	9505	5	7.4	66	2419POFYL	9519	19	11.4	192
2406POFYL	9506	6	7.4	72	2425POFYL	9525	25	12.8	243
2407POFYL	9507	7	7.5	80					

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