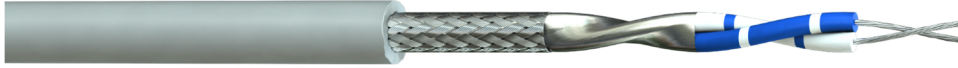


**Description:** 24AWG Twisted Pair Dual Screened Low Capacitance Data Cable For RS 485. Low Smoke and Fume Throughout.



### Construction

Conductor Material : Tinned Copper, 24(7)awg  
 Pair Insulation Material : High Density Polyethylene (HDPE)  
 Overall Screen 1 : Aluminium Foil (100% Coverage)  
 Overall Screen 2 : Tinned Copper Wire Braid (90% Coverage)  
 Outer Sheath Material : Low Smoke and Fume (LSF)  
 Outer Sheath Colour : Grey  
 Core Identification : Colour Chart 5  
 Alternative to Belden : 9841 to 9844

### 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

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 (2014/35/EU)

Part No.	Alternative to Belden	No. of Pairs	O/D (mm)	Weight kg/km
2401POHPL	9841	1	5.8	64
2402POHPL	9842	2	8.6	95
2403POHPL	9843	3	9.2	108
2404POHPL	9844	4	9.9	125

**Description:** 24AWG Twisted Pair Dual Screened Low Capacitance Data Cable For RS 485. Low Smoke and Fume Throughout.

### American Style Colour Chart

#### Chart 5

1	White/Blue	Blue/White	16	Yellow/Blue	Blue/Yellow
2	White/Orange	Orange/White	17	Yellow/Orange	Orange/Yellow
3	White/Green	Green/White	18	Yellow/Green	Green/Yellow
4	White/Brown	Brown/White	19	Yellow/Brown	Brown/Yellow
5	White/Grey	Grey/White	20	Yellow/Grey	Grey/Yellow
6	Red/Blue	Blue/Red	21	Purple/Blue	Blue/Purple
7	Red/Orange	Orange/Red	22	Purple/Orange	Orange/Purple
8	Red/Green	Green/Red	23	Purple/Green	Green/Purple
9	Red/Brown	Brown/Red	24	Purple/Brown	Brown/Purple
10	Red/Grey	Grey/Red	25	Purple/Grey	Grey/Purple
11	Black/Blue	Blue/Black	26	Pink/Blue	Blue/Pink
12	Black/Orange	Orange/Black	27	Pink/Orange	Orange/Pink
13	Black/Green	Green/Black	28	Pink/Green	Green/Pink
14	Black/Brown	Brown/Black	29	Pink/Brown	Brown/Pink
15	Black/Grey	Grey/Black	30	Pink/Grey	Grey/Pink