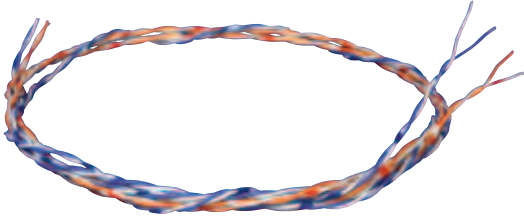


## B-Plus Cross-Connect Wire

B-Plus Cross-Connect Wire is intended primarily for use between incoming cables and station equipment in a Telecommunications room or at a main distribution frame. B-Plus Cross-Connect Wire is suitable for use in Belden IBDN Structured Wiring System designs.



22208260 B-Plus Cross-Connect Wire

### Features & Benefits

- > Designed in line with the requirements of Belden IBDN-type wiring applications where enhanced transmission performance is required
- > Allows for high density cross-connect installations
- > Allows for easy administration of MAC's
- > Eliminates need for slack management.

### Applications

- > Horizontal distribution in Telecommunications Room
- > Voice and data applications.

### Technical Specifications

#### Construction

- > 1, 2, 3 and 4-pair, 24 AWG insulated copper wire.

### Mechanical Specifications

NUMBER OF PAIRS	NOMINAL O.D.
1-pair, 24 AWG	1.8 mm (0.071 in.)
2-pair, 24 AWG	2.3 mm (0.091 in.)
3-pair, 24 AWG	3.0 mm (0.118 in.)
4-pair, 24 AWG	3.6 mm (0.142 in.)

### Electrical Specifications

- > DC Resistance, max.: 9.38 Ohms/100 m
- > Mutual Capacitance, max.: 6.6 nF/100 m @ 1 KHz
- > Characteristic Impedance: 100 Ohms nominal.

FREQUENCY (MHZ)	ATTENUATION (DB/100 M) MAX.
0.772	1.8
1.0	2.0
4.0	4.1
8.0	5.8
10.0	6.5
16.0	8.2
20.0	9.3
25.0	10.4
31.25	11.7
62.5	17.0
100.0	22.0

## B-Plus Cross-Connect Wire

### Installation Tips

- > K-carton have a center knock-out for wire dispensing.

### Packaging

- > K-Carton size (1-pair):  
42 x 225 x 220 mm (1.6 x 8.9 x 8.7 in.)
- > K-Carton size (multi-pair):  
67 x 273 x 273 mm (2.6 x 10.7 x 10.7 in.)
- > Wood spool (16N) size:  
406 mm Dia. x 254 mm H (16 x 10 in.)
- > Wood spool (S77) size:  
165 mm Dia. x 63 mm H (6.5 x 2.5 in.)

### For More Information

For any other product information call:  
1-800-262-9334 (USA & Canada),  
1-514-822-7533 (International) or  
visit us at [www.belden.com](http://www.belden.com)

All information is subject to change without notice, since Belden reserves the right to change its products as progress in engineering and manufacturing methods or other circumstances may warrant.

## Ordering Information

### B-Plus Cross-Connect Wire

DETAIL	COLOR	LENGTH	PACKAGING	ORDERING NUMBER
24 AWG, 1-pair	Wh/Bl	305 m (1000 ft.)	K-Carton	22208250
24 AWG, 1-pair	Wh/Bl	305 m (1000 ft.)	Spool (S77)	22208253
24 AWG, 2-pair	Wh/Bl/Wh/Or	305 m (1000 ft.)	K-Carton	22208260
24 AWG, 2-pair	Wh/Gr/Wh/Or	305 m (1000 ft.)	K-Carton	22208231
24 AWG, 3-pair	Wh/Bl/Wh/Or/Wh/Gr	305 m (1000 ft.)	K-Carton	22208265
24 AWG, 3-pair	Wh/Bl/Wh/Or/Wh/Gr	200 m (656 ft.)	K-Carton	22208235
24 AWG, 4-pair	Wh/Bl/Wh/Or/Wh/Gr/Wh/Br	152 m (500 ft.)	K-Carton	22208270