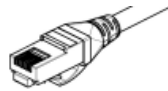


## C6F1100000 Cable Assemblies - Cat 6 Shielded Modular Cord



For more Information  
please call

1-800-Belden1



### General Description:

Cat 6 Shielded Patchcord, 4 Pair, 24 AWG Solid, CMR, T568A/B-T568A/B,

### Usage (Overall)

**Suitable Applications:** IBDN Shielded System 2400, TIA Category 6, ISO Class E, 1000BASE-T  
**Related Parts:** Cat6+ Shielded KeyConnect Modular Jacks, Shielded Patch Panels

### Multi Conductor

#### Physical Characteristics

##### Conductor

AWG:

# Conductors	# Pairs	AWG	Stranding	Conductor Material
8	4	24	Solid	BC - Bare Copper

##### Insulation

Insulation Material:

Insulation Material
PO - Polyolefin

##### Outer Shield

Outer Shield Material:

Outer Shield Trade Name	Type	Outer Shield Material
Shield	Foil	AL - Aluminum

##### Outer Jacket

Outer Jacket Material:

Outer Jacket Material
PVC - Polyvinyl Chloride

### Overall Cabling

**Overall Cabling Fillers:** Cross Web

### Overall Diameter

**Overall Nominal Diameter:** 6.604 mm

**Individual Cable Diameter:** 6.604 mm

### Cable Characteristics (Connectivity)

#### Outer Shield

**Outer Shield Drain Wire Diameter:** 26 AWG

### Physical Characteristics (Connectivity)

#### Materials

Materials:

Description	Type	Material
Shielded Plug	RJ45	Phosphor Bronze with Nickel Plating
Boot		Elastomer
Front Connection	Blades	Phosphor Bronze with 50u inch Gold over Nickel Plating

#### Color

**Boot Color:** Same as Cable

#### Wiring Scheme

**Wiring Scheme:** T568A/B-T568A/B

#### Packaging

**Packaging:** Individually packaged in a clear plastic bag.

### Mechanical Characteristics (Connectivity)

**Plug / Jack Compatibility:** RJ45

**Termination Interface:**

# Detailed Specifications & Technical Data



METRIC MEASUREMENT VERSION

## C6F1100000 Cable Assemblies - Cat 6 Shielded Modular Cord

Termination	Connection	Durabilities
RJ45	Mated Connection	750 Cycles

Max. Recommended Pull Tension:	50.042 N
Min. Bend Radius (Overall Cable):	52.832 mm

### Applicable Specifications and Agency Compliance (Overall)

#### Applicable Standards & Environmental Programs

UL Rating:	Riser
Other Standards:	FCC Part 68, Subpart F, IEC 60603-7
EU Directive 2002/95/EC (RoHS):	Yes
EU RoHS Compliance Date (mm/dd/yyyy):	01/01/2011
MII Order #39 (China RoHS):	EUP 50
Telecommunications Standards:	Category 6 - TIA 568.C.2, Class E - ISO/IEC 11801:2002
Safety Listing:	Bi-national Standard Listed

#### Suitability

Suitability - Indoor:	Yes
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### Transmission Characteristics (Connectivity)

Dielectric Strength:	1,000 V RMS @ 60 Hz for 1 minute
Current Rating:	1.500 A
Insulation Resistance:	500 M-Ohm Minimum
Max. Contact Resistance:	20 m-Ohm

### Notes (Overall)

Notes: Last 3-digits 'xxx' specify length in feet; Available from 1 ft (001) to 15 ft (015) by increment of 1 ft, 20 ft (025) and 25 ft (025).

### Product Family

#### Product List:

Length	Blue	Gray	White	Black
1 ft. (0.3 m)	C6F1106001	C6F1108001	C6F1109001	C6F1100001
2 ft. (0.6 m)	C6F1106002	C6F1108002	C6F1109002	C6F1100002
3 ft. (0.9 m)	C6F1106003	C6F1108003	C6F1109003	C6F1100003
4 ft. (1.2 m)	C6F1106004	C6F1108004	C6F1109004	C6F1100004
5 ft. (1.5 m)	C6F1106005	C6F1108005	C6F1109005	C6F1100005
6 ft. (1.8 m)	C6F1106006	C6F1108006	C6F1109006	C6F1100006
7 ft. (2.1 m)	C6F1106007	C6F1108007	C6F1109007	C6F1100007
8 ft. (2.4 m)	C6F1106008	C6F1108008	C6F1109008	C6F1100008
9 ft. (2.7 m)	C6F1106009	C6F1108009	C6F1109009	C6F1100009
10 ft. (3.0 m)	C6F1106010	C6F1108010	C6F1109010	C6F1100010
11 ft. (3.4 m)	C6F1106011	C6F1108011	C6F1109011	C6F1100011
12 ft. (3.7 m)	C6F1106012	C6F1108012	C6F1109012	C6F1100012
13 ft. (4.0 m)	C6F1106013	C6F1108013	C6F1109013	C6F1100013
14 ft. (4.3 m)	C6F1106014	C6F1108014	C6F1109014	C6F1100014
15 ft. (4.6 m)	C6F1106015	C6F1108015	C6F1109015	C6F1100015
20 ft. (6.1 m)	C6F1106020	C6F1108020	C6F1109020	C6F1100020
25 ft. (7.6 m)	C6F1106025	C6F1108025	C6F1109025	C6F1100025

### Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
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