

## C5F1100000 Cable Assemblies - Cat 5e Shielded Modular Cord



For more Information  
please call

1-800-Belden1



### General Description:

Cat 5e Shielded Patchcord, 4 Pair, 24 AWG Solid, CMR, T568A/B-T568A/B,

### Usage (Overall)

|                        |                                                                       |
|------------------------|-----------------------------------------------------------------------|
| Suitable Applications: | IBDN Shielded System Cat 5e, TIA Category 5e, ISO Class D, 1000BASE-T |
| Related Parts:         | Cat 5e 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 Diameter

|                            |          |
|----------------------------|----------|
| Overall Nominal Diameter:  | 6.985 mm |
| Individual Cable Diameter: | 6.985 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 Tin Plating over Nickel           |
| 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:

| Termination | Connection       | Durabilities |
|-------------|------------------|--------------|
| RJ45        | Mated Connection | 750 Cycles   |

# Detailed Specifications & Technical Data



## METRIC MEASUREMENT VERSION

### C5F1100000 Cable Assemblies - Cat 5e Shielded Modular Cord

|                                   |           |
|-----------------------------------|-----------|
| Max. Recommended Pull Tension:    | 50.042 N  |
| Min. Bend Radius (Overall Cable): | 55.880 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 5e - TIA 568.C.2, Class D - ISO/IEC 11801:2002 |
| Safety Listing:                       | Bi-national Standard Listed                             |

##### Suitability

|                       |     |
|-----------------------|-----|
| Suitability - Indoor: | Yes |
|-----------------------|-----|

#### 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)  | C5F1106001 | C5F1108001 | C5F1109001 | C5F1100001 |
| 2 ft. (0.6 m)  | C5F1106002 | C5F1108002 | C5F1109002 | C5F1100002 |
| 3 ft. (0.9 m)  | C5F1106003 | C5F1108003 | C5F1109003 | C5F1100003 |
| 4 ft. (1.2 m)  | C5F1106004 | C5F1108004 | C5F1109004 | C5F1100004 |
| 5 ft. (1.5 m)  | C5F1106005 | C5F1108005 | C5F1109005 | C5F1100005 |
| 6 ft. (1.8 m)  | C5F1106006 | C5F1108006 | C5F1109006 | C5F1100006 |
| 7 ft. (2.1 m)  | C5F1106007 | C5F1108007 | C5F1109007 | C5F1100007 |
| 8 ft. (2.4 m)  | C5F1106008 | C5F1108008 | C5F1109008 | C5F1100008 |
| 9 ft. (2.7 m)  | C5F1106009 | C5F1108009 | C5F1109009 | C5F1100009 |
| 10 ft. (3.0 m) | C5F1106010 | C5F1108010 | C5F1109010 | C5F1100010 |
| 11 ft. (3.4 m) | C5F1106011 | C5F1108011 | C5F1109011 | C5F1100011 |
| 12 ft. (3.7 m) | C5F1106012 | C5F1108012 | C5F1109012 | C5F1100012 |
| 13 ft. (4.0 m) | C5F1106013 | C5F1108013 | C5F1109013 | C5F1100013 |
| 14 ft. (4.3 m) | C5F1106014 | C5F1108014 | C5F1109014 | C5F1100014 |
| 15 ft. (4.6 m) | C5F1106015 | C5F1108015 | C5F1109015 | C5F1100015 |
| 20 ft. (6.1 m) | C5F1106020 | C5F1108020 | C5F1109020 | C5F1100020 |
| 25 ft. (7.6 m) | C5F1106025 | C5F1108025 | C5F1109025 | C5F1100025 |

#### Put Ups and Colors:

| Item # | Putup | Ship Weight | Color | Notes | Item Desc |
|--------|-------|-------------|-------|-------|-----------|
|--------|-------|-------------|-------|-------|-----------|

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