

AX100707-S Modular Connectors - 110 CROSS-CONNECT, BLOCK 4PR



For more Information
please call

1-800-Belden1



General Description:

110 CROSS-CONNECT 4-PAIR CONNECTING BLOCK

Usage (Overall)

| | |
|-------------------------------|---|
| Suitable Applications: | IBDN System 1200, TIA Category 5E, ISO Class E, 1000BASE-T |
| Related Parts: | 110 CROSS-CONNECT, WIRING BLOCK WITH & WITHOUT LEGS, 110 CROSS-CONNECT PATCH CORDS, 110 CROSS-CONNECT LABEL STRIP |

Physical Characteristics (Connectivity)

Dimensions

Dimensions:

| Height (in.) | Width (in.) | Depth (in.) |
|--------------|-------------|-------------|
| 0.209 | 1.197 | 0.835 |

Materials

Materials:

| Description | Type | Material |
|-------------|------|--|
| Connection | IDC | Phosphor Bronze with Tin Plating over Nickel |
| Block | | Plastic - UL940V-0 |

Color

| | |
|---------------|--------|
| Color: | Almond |
|---------------|--------|

Weight

| | |
|----------------|------------|
| Weight: | 0.011 lbs. |
|----------------|------------|

Packaging

| | |
|-------------------|----------------------------|
| Packaging: | packaged 25 units per bag. |
|-------------------|----------------------------|

Mechanical Characteristics (Connectivity)

Termination Interface:

| Termination | Connection | Durabilities |
|-------------|--------------------------|------------------|
| Front | Gas Tight IDC Connection | 200 terminations |

| | |
|--|--|
| Storage Temperature Range: | -40°C To +70°C |
| Installation Temperature Range: | -10°C To +60°C |
| Operating Temperature Range: | -10°C To +60°C |
| Tool Compatibility: | 110 Cross-Connect Connecting Tool AX100749 |

Applicable Specifications and Agency Compliance (Overall)

Applicable Standards & Environmental Programs

| | |
|--|-------------------------------------|
| Other Standards: | FCC Part 68, Subpart F, IEC 60603-7 |
| EU Directive 2002/95/EC (RoHS): | Yes |
| EU RoHS Compliance Date (mm/dd/yyyy): | 07/01/2006 |
| Telecommunications Standards: | Category 5e - TIA 568.C.2 |
| Safety Listing: | Bi-national Standard Listed |

Suitability

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

Transmission Characteristics (Connectivity)

Mated Connection Table 1:

| Frequency (MHz) | Max. Insertion Loss TIA* (dB) | Max. Insertion Loss Belden** (dB) | Min. PSNEXT Belden** (dB) | Min. NEXT TIA* (dB) | Min. NEXT Belden** (dB) | Min. FEXT TIA* (dB) | Min. FEXT Belden** (dB) |
|-----------------|-------------------------------|-----------------------------------|---------------------------|---------------------|-------------------------|---------------------|-------------------------|
| 100.000 | 0.200 | 0.180 | 55.900 | 43.000 | 44.000 | 35.100 | 36.000 |

Mated Connection Table - Footnote:

* Category 5E - TIA 568.C.2 when tested with CAT5E 110 Patch Cord

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Mated Connection Table 2:

| Frequency (MHz) | Min. Return Loss TIA* (dB) | Min. Return Loss Belden** (dB) |
|-----------------|----------------------------|--------------------------------|
| 100.000 | 20.000 | 23.000 |

Dielectric Strength: 1,000 V RMS @ 60 Hz for 1 minute

Current Rating: 1.500 A

Insulation Resistance: 100 M-Ohm Minimum

Max. Contact Resistance: 1 m-Ohm

Notes (Overall)

Notes: For additional information about this product, visit our web at <http://www.belden.com>

Notes (Cont'd.): Suitable for 22 to 24 Wire Gauge.

Product Family

Part Number List:

| Description | Item Number |
|---|-------------|
| WIRING BLOCK 100-PAIR W/O LEGS | AX100690-S |
| WIRING BLOCK 100-PAIR WITH LEGS | AX100691-S |
| WIRING BLOCK 300-PAIR W/O LEGS | AX100692-S |
| WIRING BLOCK 100-PAIR WITH LEGS WITH 4-PAIR CONNECTING BLOCKS | AX100693-S |
| WIRING BLOCK 100-PAIR WITH LEGS WITH 5-PAIR CONNECTING BLOCKS | AX100694-S |
| WIRING BLOCK 300-PAIR WITH LEGS WITH 4-PAIR CONNECTING BLOCKS | AX100695-S |
| WIRING BLOCK 300-PAIR WITH LEGS WITH 5-PAIR CONNECTING BLOCKS | AX100696-S |
| DISTRIBUTION RING, SMALL | AX100703-X |
| DISTRIBUTION RING, LARGE | AX100704-X |
| CABLE MANAGEMENT TROUGH W/O LEGS | AX100705-S |
| CABLE MANAGEMENT TROUGH WITH LEGS | AX100706-S |
| CONNECTING BLOCK 4-PAIR | AX100707-S |
| CONNECTING BLOCK 5-PAIR | AX100708-S |
| LABEL STRIP CLEAR | AX100721-S |

Put Ups and Colors:

| Item # | Putup | Ship Weight | Color | Notes | Item Desc |
|------------|-------|-------------|-------|-------|--------------------------|
| AX100707-S | 1 EA | 0.005 KG | | | 4-PR 110-CONNECTING BLOC |

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