

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 (mm)	Width (mm)	Depth (mm)
5.309	30.404	21.209

Materials

Materials:

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

Color

Color:	Almond
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Weight

Weight:	0.005 kg
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Packaging

Packaging:	packaged 25 units per bag.
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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
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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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