Product: AX100693-S



110 CROSS-CONNECT, 100PR LEGS 4PR

Product Description

110 Cross-Connect 100-Pair Kit (C4) With Legs

Technical Specifications

Product Overview

Suitable Applications:	IBDN System 1200, TIA Category 5e, ISO Class D, 1000BASE-T

Physical Characteristics (Overall)

Insulation

Nominal Diameter
0.05 mm
0.049 mm

Outer Jacket

Nominal Wall Thickness
0.052 mm

Port Count:	100-PAIR
Packaging:	Individually packaged in a clear plastic bag
Weight:	0.794 g

Connectors

Materials

Description	Material
Block	Plastic - UL94V-0

Construction and Dimensions

Conductor Spacing Center-Center:	0.05 mm

Electrical Characteristics

Dielectric Strength:	1,000V RMS @ 60 Hz for 1 minute kV DC
Current Rating:	1.5 A
Insulation Resistance:	100 MOhm*km
Max Contact Resistance:	1 mOhm

Mated Connection

Frequency (MHz)	Max. Insertion Loss TIA* (dB)	Min. NEXT TIA* (dB)	Min. FEXT TIA* (dB)	Min. FEXT Belden** (dB)	Min. Return Loss TIA* (dB)
100	0.4 dB	43 dB	35.1 dB	36 dB	20 dB

Temperature Range

Installation Temperature Range:	-10°C To +60°C
Storage Temperature Range:	-40°C To +70°C
Operating Temperature Range:	-10°C To +60°C

Mechanical Characteristics

Footprint/Type:	110
Tool Compatibility:	110 Cross-Connect Connecting Tool AX100749

Termination Interface

Termination	Connection	Durabilities
Front	IDC Connection	200 insertions

Dimensions (WxHxD)

Width	Height	Depth
10.22	3.61	3.35

Standards

TIA/EIA Compliance:	ANSI/TIA/EIA 568 C.2 Category 5e

Applicable Environmental and Other Programs

Environmental Space:	Indoor
EU Directive Compliance:	EU Directive 2002/95/EC (RoHS)

Suitability

Suitability - Indoor:	Yes

Flammability, LS0H, Toxicity Testing

Safety Listing:	UL 1863 and CSA-C22.2

Related Part Numbers

Related Parts:	110 CROSS-CONNECT CABLE MANAGEMENT TROUGH WITH & WITHOUT LEGS, 110 CROSS-CONNECT PATCH CORDS, 110 CROSS-CONNECT LABEL STRIP

Variants

Item #	Color	UPC
AX100693-S	Almond	611589001960

Product Notes

Included Parts:	1x100-PAIR WIRING BLOCK, 25xCONNECTING BLOCK 4-PAIR
Notes:	For additionnal information about this product, visit our web site at http://www.belden.com

History

Update and Revision:	Revision Number: 0.92 Revision Date: 03-04-2023

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