



110Connect XC Cross Connect Frame Kits

Description

AMP 110Connect XC Cross Connect products exceed the proposed TIA requirements for Category 5e performance. They comply with all of the performance requirements for current and proposed applications such as 100BASE-Tx, 155 Mbps ATM and Gigabit Ethernet. The 110Connect punchdown blocks are compatible with both 110 (single-wire and 5-pair) and Krone single-wire tools. These kits include backboards, cable management troughs, wiring blocks, connecting blocks, designation strips and white labels for the pair counts identified.

Specification (Text in brackets [] requires a choice.)

Cross connect components shall be UL Listed, CSA and Austel approved. The cross connect shall be constructed using [300- or 900-pair] 110Connect XC cross connect frames. The wiring blocks shall be terminated with [4- and 5-pair or 5-pair] connecting blocks. Cross connect frames shall be alternated with cable management frames. The cross connect will meet the performance characteristics listed in the following table [include table on back of sheet]. The cross connect shall be constructed using AMP part number [insert AMP part number] frame kits and [insert AMP part number] cable management frames.

Ordering Information

Pair Count	Connecting Blocks	Height, in.	Part Number
300-Pair	4- & 5-Pair	21.52	569854-1
300-Pair	5-Pair	21.52	569855-1
900-Pair	4- & 5-Pair	59.32	569857-1
900-Pair	5-Pair	59.32	569858-1
300-Pair	Cable Mgmt. Frame	24.26	569851-1
900-Pair	Cable Mgmt. Frame	61.34	569446-1

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Typical Worst-Case Performance Characteristics (meet or exceed TIA/EIA-568-B.2 Category 5e)

Frequency, MHz	Attenuation, dB		NEXT, dB		PS NEXT, dB		FEXT, dB		Return Loss, dB	
	Spec	AMP	Spec	AMP	Spec	AMP	Spec	AMP	Spec	AMP
1	0.1	0.05	65.0	82.9	-	79.9	65.0	85.1	35.0	57.6
4	0.1	0.05	65.0	71.6	-	68.6	63.1	74.4	35.0	48.5
8	0.1	0.05	64.9	65.8	-	62.7	57.0	68.3	35.0	42.8
10	0.1	0.05	63.0	63.8	-	60.8	55.1	66.4	35.0	40.8
16	0.2	0.1	58.9	59.9	-	56.9	51.0	62.5	35.0	36.9
20	0.2	0.1	57.0	57.9	-	54.9	49.1	60.5	34.0	35.0
25	0.2	0.1	55.0	55.9	-	52.9	47.1	58.4	32.0	33.0
31.25	0.2	0.1	53.1	53.9	-	50.9	45.2	56.4	30.1	31.0
62.5	0.3	0.15	47.1	48.0	-	45.0	39.2	50.3	24.1	25.1
100	0.4	0.2	43.0	44.0	-	41.0	35.1	45.9	20.0	21.2

Durability: 200 termination cycles (24 AWG wire)

Materials:

Backboard and duct - carbon steel

Distribution rings - aluminum alloy

Management trough, wiring block assembly and connecting block - polycarbonate, UL 94V0

Terminals - phosphor bronze plated with 150 microinches bright tin-lead over 50 microinches nickel underplate

Designation strip - clear PVC

Packaging:

569854-1 1 per box, 14.40 lbs.

569855-1 1 per box, 14.29 lbs.

569857-1 1 per box, 38.00 lbs.

569858-1 1 per box, 38.00 lbs.

569851-1 1 per box, 7.39 lbs.

569852-1 1 per box, 18.00 lbs.

Approvals:

UL File Number E81956

CSA Certificate LR702659

Austel Number A95/CFD/0227

Specifications subject to change without notice.



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