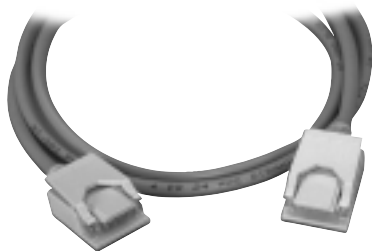
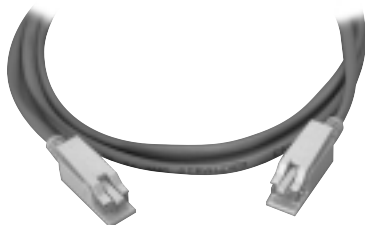


**6.2.10-A BIX Patch Cord**

AXI00625 PS5E BIX Patch Cord, BIX-BIX 4-Pair



AXI00630 PS5E BIX Patch Cord, BIX-8MOD 4-Pair



A0410494 BIX Patch Cord, BIX-BIX 2-Pair



A0410469 BIX Patch Cord, BIX-BIX 1-Pair

**DESCRIPTION**

BIX Patch Cords increase the proven versatility of the BIX Cross-Connect System. BIX Patch Cords allow for high-density connections, coupled with flexibility for cost-effective installation and administration. Installation and rearrangement of patch cords do not require any special tools or training. BIX patch cord plugs terminate directly into QCBIX1A/1A4 connectors.

BIX Patch Cords are available in two different configurations. BIX-BIX patch cord configurations are terminated with BIX plugs at each end for easy cross-connection between equipment and distribution fields. BIX-BIX Patch Cords are available in 1, 2 or 4-pair configurations. BIX-8MOD patch cord configurations are terminated with a BIX plug on one end and an 8-position modular plug on the other. They are available in T568A-ISDN or T568B-ALT wiring schemes. These patch cords are used to easily interconnect equipment utilizing 8-position modular jacks directly into QCBIX1A/1A4 connectors in the distribution field.

PS5E BIX Patch Cords offer Category 5e channel performance when installed as part of an IBDN 1200 System. PS5E BIX Patch Cords are available in 4-pair BIX-BIX and BIX-8MOD configurations, in a variety of lengths.

**FEATURES & BENEFITS**

- High performance patch cords to support emerging high-speed applications
- Available in various sizes and lengths for greater installation flexibility
- Robust design to ensure fast, repeatable and reliable connections
- Pre-assembled patch cords to minimize wiring mistakes
- Minimize time required for managing station moves, adds and changes.

**APPLICATIONS**

- Horizontal distribution or equipment terminations in telecommunications rooms
- Interconnection terminations in consolidation points.

**TECHNICAL SPECIFICATIONS****Configuration**

- BIX-BIX termination with straight-through wiring, in 1, 2 and 4-pair sizes
- BIX-8MOD termination with standard wiring configurations, T568A-ISDN or T568B-ALT
- Available in 1.2, 2.1, 3.0, 4.6, 7.6 m (4, 7, 10, 15 and 25 ft.) lengths.

**Cable**

- UL Listed as NEC Type CM per UL Standard 444
- CSA Certified type PCC FT4 per CSA Standard C22.2, No. 214
- ICEA S-80-576-1988 compliant.

**BIX Plugs**

- Gas-tight connection with BIX clips
- Contact resistance: 3 M $\Omega$  per contact
- Durability: 200 insertions.

**Modular Plugs**

- 8-pin modular plug, FCC Part 68, Subpart F compliant.

BIX  
CROSS-CONNECT  
SYSTEM

BIX Patch Cords

**COMPLEMENTARY PRODUCTS**

**BIX Patch Cord**  
**6.2.10-A**

*IBDN Copper Solutions*

**BIX Cross-Connect System**  
*Distribution Connectors*

BIX Distribution Connector  
**6.2.1-A**

**Transmission Characteristics**

- PS5E performance using NXXCB1A4 BIX Distribution Connector and PS5 Patch Cords
- Category 5 performance using QCBIX1A/1A4 Distribution Connectors and PS5 or regular BIX Patch Cords, 1, 2 or 4-pair configurations
- Channel value using BIX Cross-Connect System with PS5E BIX Patch Cord and IBDN 1200 Series cable at 100 MHz:

Parameter	IBDN 1200
PSNEXT	32.7 dB
Attenuation	22.3 dB
PSACR	10.4 dB
PSELFEXT	20.0 dB
Return Loss	12.0 dB
Propagation Delay	490 ns
Delay Skew	25 ns

*Note: These values are for worst case channel performance using PS5E Modular Cords into IBDN 1200 Channels.*

**ORDERING INFORMATION****6.2.10-A BIX Patch Cord**

DETAIL	LENGTH	UPC	ORDERING NUMBER
PS5E BIX-BIX, 4-pair	1.2 m (4 ft.)	628575057207	AX100625
PS5E BIX-BIX, 4-pair	2.1 m (7 ft.)	628575057214	AX100626
PS5E BIX-BIX, 4-pair	3.0 m (10 ft.)	628575057221	AX100627
PS5E BIX-BIX, 4-pair	4.6 m (15 ft.)	628575057238	AX100628
PS5E BIX-BIX, 4-pair	7.6 m (25 ft.)	628575057245	AX100629
PS5E BIX-8MOD, T568A, 4-pair	1.2 m (4 ft.)	628575057252	AX100630
PS5E BIX-8MOD, T568A, 4-pair	2.1 m (7 ft.)	628575057269	AX100631
PS5E BIX-8MOD, T568A, 4-pair	3.0 m (10 ft.)	628575057276	AX100632
PS5E BIX-8MOD, T568A, 4-pair	4.6 m (15 ft.)	628575057283	AX100633
PS5E BIX-8MOD, T568A, 4-pair	7.6 m (25 ft.)	628575057290	AX100634
PS5E BIX-8MOD, T568B, 4-pair	1.2 m (4 ft.)	628575057306	AX100635
PS5E BIX-8MOD, T568B, 4-pair	2.1 m (7 ft.)	628575057313	AX100636
PS5E BIX-8MOD, T568B, 4-pair	3.0 m (10 ft.)	628575057320	AX100637
PS5E BIX-8MOD, T568B, 4-pair	4.6 m (15 ft.)	628575057337	AX100638
PS5E BIX-8MOD, T568B, 4-pair	7.6 m (25 ft.)	628575057344	AX100639
BIX-BIX, 2-pair	1.2 m (4 ft.)	628575043941	A0410494
BIX-BIX, 2-pair	2.1 m (7 ft.)	628575043958	A0410495
BIX-BIX, 2-pair	3.0 m (10 ft.)	628575043965	A0410496
BIX-BIX, 2-pair	4.6 m (15 ft.)	628575043972	A0410497
BIX-BIX, 1-pair	1.2 m (4 ft.)	628575043897	A0410469
BIX-BIX, 1-pair	2.1 m (7 ft.)	628575043903	A0410471
BIX-BIX, 1-pair	3.0 m (10 ft.)	628575043910	A0410473
BIX-BIX, 1-pair	4.6 m (15 ft.)	628575043927	A0410475
BIX-BIX, 1-pair	7.6 m (25 ft.)	628575043934	A0410493

**Physical Characteristics****Materials****Cable**

- PS5E BIX Patch Cords: DPC PS 24 AWG stranded copper cable, gray jacket
- Category 5 BIX Patch Cords: DPC Plus 24 AWG stranded copper cable, gray jacket.

**BIX Plugs**

- BIX plug housing: fire-retardant thermoplastic rated UL94V-0, beige
- BIX blade: copper alloy with tin plating over nickel.

**Electrical Characteristics**

- Dielectric strength: 1,000 V RMS at 60 Hz for 1 minute
- Current rating: 1.5 A maximum
- Insulation resistance: 500 MΩ minimum between clips.

**INSTALLATION TIPS**

- Plan the telecommunications room layout prior to cross-connect installation
- Use BIX-BIX Patch Cords for cross-connect configurations, between equipment and distribution fields
- Use BIX-8MOD Patch Cords for interconnect configurations, between the network equipment and the distribution fields.

**PACKAGING**

Individually packaged in a clear plastic bag.