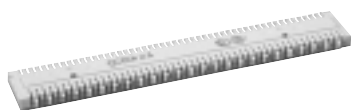


6.2.2-A BIX Multiplying Connector

A0269923 QCBIX2A Multiplying Connector



A0266827 QCBIX5A Multiplying Connector



A0269925 QCBIX7A Multiplying Connector

DESCRIPTION

BIX Multiplying Connectors are used to generate multiple outputs from a single input. Construction of these connectors is identical to that of BIX Distribution Connectors, except for the IDC clips which are bridged. BIX Multiplying Connectors are typically used in voice applications.

The QCBIX2A Connector is built using 24 sets of bridged clips (2 clips each). It is used to terminate various facilities where multiples of 2 are required.

The QCBIX5A Connector is built using 10 sets of bridged clips (5 clips each). It is used for multiple jumper connections to the same equipment.

The QCBIX7A Connector is built using 10 sets of bridged clips (four 2-clip and six 7-clip bridged arrangements). It is primarily intended for use with 1A type key telephone systems. Each connector will terminate one line of key equipment and provide up to seven multiples of key telephone sets.

FEATURES & BENEFITS

- Robust and installer-friendly design to reduce installation costs
- High-density connector to reduce installation space requirements

ORDERING INFORMATION**6.2.2-A BIX Multiplying Connector**

DETAIL	UPC	ORDERING NUMBER
25-pair, 12x2-pair	628575039937	A0269923
25-pair, 5x5-pair	628575039883	A0266827
25-pair, 2x2-pair & 3x7-pair	628575039944	A0269925

- Edges marked to pair-configuration to facilitate wire layout
- Built-in pair splitters to facilitate wire insertion
- Fully enclosed clips in plastic housing to prevent injuries and protect connections
- Snap into BIX Mounts for easy insertion and removal
- Mix and match modular flexibility to accommodate different installation size requirements.

APPLICATIONS

Equipment terminations in telecommunications rooms.

TECHNICAL SPECIFICATIONS**Physical Characteristics****Dimensions (H x W x D)**

9.3 x 168.4 x 32.7 mm (0.37 x 6.63 x 1.29 in.).

Materials

- Housing material: fire-retardant thermoplastic rated UL94V-0, beige
- IDC clip: copper alloy with tin plating over nickel.

Mechanical Characteristics**IDC Clip**

- Gas-tight connection — insulation slicing of 22, 24 and 26 AWG (0.64, 0.5 and 0.4 mm) plastic insulated solid copper conductors
- Durability: 200 insertions of any combination of wire gauge.

Electrical Characteristics

- Dielectric strength: 1,000 V RMS at 60 Hz for 1 minute
- Current rating: 1.5 A maximum
- Insulation resistance: 100 MΩ minimum between clips
- Contact resistance: 1 mΩ per contact.

INSTALLATION TIPS

Connection made using the BIX Connecting Tool.

PACKAGING

- 20 units packaged in a cardboard box
- Standard shipping carton of 200 units (10 boxes).

BIX
CROSS-CONNECT
SYSTEM

Multiplying Connectors

COMPLEMENTARY PRODUCTS

BIX Multiplying Connector

6.2.2-A

IBDN Copper Solutions

BIX Cross-Connect System Mounts

BIX Mount
6.2.4-A