

DATA Sheet



PS5E BIX DVO Outlets (for SF only)

PS5E BIX DVO Outlet

PS5E DVO Workstation Outlets are available in 1, 2 and 4-port configurations in both flush and surface mount styles. The workstation outlets are robust and installer-friendly products by design, combining punch-down connectors with standard modular jacks. The outlet's unique completely enclosed housing protects the connectors and allows the wires to be front-terminated on BIX Insulation Displacement Connectors (IDC). The snap-on cover plate allows easy access and eliminates visible mounting screw.

PS5E DVO Workstation Outlets offer headroom over the ANSI/TIA/EIA-568-B for Category 5e Cabling standard.

Features & Benefits

- > Exceeds Category 5e performance providing additional margin to support emerging gigabit applications
- > Available in T568A-ISDN and T568B-ALT wiring patterns for simple wire termination according to the standard color-code sequence (Blue, Orange, Green, Brown)
- > Robust and installer-friendly design to reduce installation and operating costs
- > Fully enclosed connector module in plastic housing for better protection
- > Front-access wire termination for trouble-free installation, testing and maintenance
- > Snap-on cover mechanism eliminating visible mounting screws
- > Color coding and service identification labeling option at each port using icons to facilitate identification and ease network management
- > Available in surface and flush-mounted versions, in 1, 2 and 4-port configurations for greater installation flexibility.

Applications

- > Telecommunications outlets in the work areas.

Technical specifications

- > Dimensions (H x W x D):
89 x 51 x 32 mm (3.5 x 2.0 x 1.25 in.).

- > Materials:

Housing and cover: fire-retardant plastic, UL94V-0, gray, almond, white or black

Connector module: printed circuit board, modular jacks and IDC connectors

IDC Connector:

IDC clip material: phosphor bronze with tin plating over nickel

Housing material: fire-retardant plastic, UL94V-0

Quiet front, with fully recessed clips

Housing color: blue for T568A-ISDN or orange for T568B-ALT.

Modular Jack:

Contact material: phosphore bronze with 50 micro-inches gold over nickel.

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Mechanical Characteristics

- > IDC Termination Interface:
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
- 4-pair printed circuit board mounted IDC connector type
- Compatible with the BIX Connecting Tool (sold separately).
- Modular Jack:
8-pin connector, FCC part 68, Subpart F compliant
- Durability: 1000 mating cycles.

Electrical Characteristics

- > Dielectric strength: 1,000 V RMS at 60 Hz for 1 minute
- > Current rating: 1.5 A maximum
- > Insulation resistance: 200 M Ω minimum
- > Contact resistance: 1 m Ω per contact.

Installation tips

- > Verify clearance space and select the appropriate electrical box or mounting frame prior to installing
- > Mount the outlet housing on the wall prior to termination
- > Label each port carefully for future reference and ease of administration
- > Use different colored icons to ease identification and location of users, areas or types of service
- > Unlatch the cover by inserting and twisting a flat screwdriver in the opening at the bottom or the side of the cover.

Packaging

- > Individually packaged in a clear plastic bag, including mounting screws (surface mount includes double-sided tape)
- > Standard shipping carton of 50 units
- > Surface mount includes double-side tape.

For More Information

For any other product information call: 1-800-BELDEN-1 or visit us at www.Belden.com

All information is subject to change without notice, since Belden reserves the right to change its products as progress in engineering and manufacturing methods or other circumstances may warrant.

Ordering Information

PS5E BIX DVO Outlet

DETAIL	COLOR	ORDERING NUMBER	ORDERING NUMBER
		SURFACE	FLUSH
1-port	Gray	AX100382	AX100334
2-port	Gray	AX100390	AX100342
4-port	Gray	AX100398	AX100350
1-port	Almond	AX100383	AX100335
2-port	Almond	AX100391	AX100343
4-port	Almond	AX100399	AX100351
1-port	White	AX100384	AX100336
2-port	White	AX100392	AX100344
4-port	White	AX100400	AX100352
1-port	Black	AX100385	AX100337
2-port	Black	AX100393	AX100345