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## CAT6+ Modular Jacks

### KeyConnect and MDVO-Style

The CAT6+ Modular Jack is a punch down UTP connector based on a patented Encapsulated Lead Frame technology that ensures excellent long-term reliability as well as extremely stable transmission performance. They are designed to be used within the Belden IBDN 4800, 3600 and 2400 Systems. The Beyond Category 6 performance exceeds all parameters specified in the Category 6 standard. All performance characteristics have been set to guarantee transmission performance up to 300 MHz and a data-rate of up to 4.8 Gb/s.

The KeyConnect version has a keystone footprint, and is designed to be used with KeyConnect and AngleFlex Patch Panels and with KeyConnect and MediaFlex Workstation Outlets. The MDVO-Style is designed to be used with Flex Patch Panels as well as Interface and MediaFlex Workstation Outlets. The modular jacks can also be mixed and matched with a wide variety of adapters and boxes to suit practically any installation configuration for workstation outlet, consolidation point and telecommunications closet applications.

### CAT6+ Modular Jacks

Description	Belden Part Number	
	KeyConnect-Style	MDVO-Style
Gray	AX101318	AX101063
Almond	AX101319	AX101064
Electrical White	AX101320	AX101065**
Black	AX101321	AX101066
Orange, TIA 606	AX101322	AX101067
Red, TIA 606	AX101323	AX101068
Yellow, TIA 606	AX101324	AX101069
Green, TIA 606	AX101325	AX101070
Blue, TIA 606	AX101326	AX101071
Purple, TIA 606	AX101327	AX101072
Brown, TIA 606	AX101328	AX101073
Ivory	AX103076	AX102563
Orange*	AX104189	-
Red*	AX104190	-
Yellow*	AX104191	-
Green*	AX104192	-
Blue*	AX104193	-
Purple*	AX104194	-
Brown*	AX104195	-

\* Only available in KeyConnect-Style  
\*\* MDVO-style jack is white

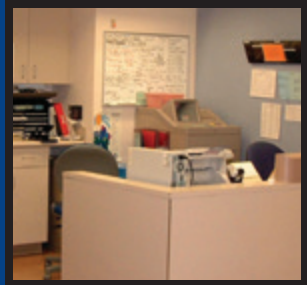


KeyConnect Modular Jacks



CAT6+ KeyConnect Modular Jack

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## CAT6+ Shielded Patch Panels and Shielded Modular Jacks

### KeyConnect and Modular

KeyConnect Shielded Patch Panels are robust all-metal modular patch panels that provide a flexible, versatile and high-density termination solution for Data Center and Telecommunications Room installations. The modular KeyConnect Patch Panels are available in 24-port/1U and 48-port/2U and are complete with a ground wire and cable management brackets to guarantee shielding integrity (per TIA-607-B) and neat cable dressing. The KeyConnect Shielded Patch Panels can be configured using 10GX Shielded Modular Jacks or any other KeyConnect modules.

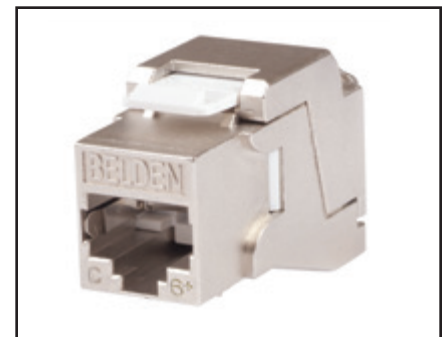
The CAT6+ Shielded KeyConnect Modular Jack is a rugged tool-less connector designed to be used within the Belden 2400 Shielded System.

Its 2-piece die-cast housing and its shielding lug provide a reliable shield and 360 degree durable bonding to the cable foil. Its color-coded wire guide speeds up pair placement and terminates all pairs when closing the 2-piece housing.

The excellent CAT6+ performance exceeds all parameters specified in the TIA Category 6 standard. Its performance characteristics including ANEXT, NEXT, FEXT, Insertion Loss and Return Loss have been set to guarantee transmission performance up to 250 MHz with a 10 dB margin on PSANEXT and PSAACRF. Its keystone footprint makes it compatible with KeyConnect and MediaFlex Workstation Outlets.



Shielded Modular Patch Panel (Empty)



CAT6+ Shielded KeyConnect Modular Jack

### KeyConnect Shielded Modular Patch Panels

Description	Belden Part Number
KeyConnect Shielded Patch Panel, 24-port, 1U, Titanium (Empty)	AX104563
KeyConnect Shielded Patch Panel, 48-port, 2U, Titanium (Empty)	AX104564
KeyConnect Shielded Angled Patch Panel, 24 port, 1U, Titanium (Empty)	AX104622
KeyConnect Shielded Angled Patch Panel, 48 port, 2U, Titanium (Empty)	AX104623

### CAT6+Shielded KeyConnect Modular Jacks

Description	Belden Part Number
CAT6+ Shielded KeyConnect Modular Jack, Metallic	AX104596

### Color-coded Icon Kit

Description	Belden Part Number								
	Red	Orange	Yellow	Green	Blue	Purple	White	Black	
KeyConnect Color coded Icon Kit for Shielded Jacks and Couplers	AX104632-RD	AX104632-OR	AX104632-YE	AX104632-GN	AX104632-BL	AX104632-PR	AX104632-EW	AX104632-BK	