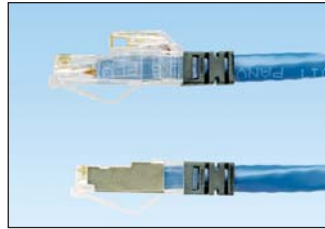


## specifications

Category 6/Class E UTP interconnect patch cords shall be constructed of 24 AWG twisted pair stranded copper cable with the addition of a 26 AWG ninth conductor. The patch cords shall be terminated with a shielded modular plug on one end, with a nine wire modular plug on the opposite end. Patch cords shall be used in conjunction with intelligent patch panels and shall be used exclusively for interconnect architectures.



## technical information

<b>Electrical performance:</b>	Meets channel and component requirements of ANSI/TIA/EIA-568-B.2-1 Category 6 and ISO 11801 2nd Edition Class E ratified standards at swept frequencies up to 250 MHz
<b>FCC compliance:</b>	Meets ANSI/TIA-968-A; contacts plated with 50 microinches of gold for superior performance
<b>IEC compliance:</b>	Meets IEC 60603-7
<b>UL rated:</b>	Meets UL 1863
<b>PoE compliance:</b>	Meets draft requirements of IEEE 802.3at for PoE Plus

## key features and benefits

<b>Switch/server port detection</b>	Communicates connection status between switch/server with PanView iQ™ Patch Panels without network protocol
<b>100% performance tested</b>	Assurance that each patch cord will deliver the critical electrical performance requirements
<b>Integral pair manager</b>	Optimizes performance and consistency by reducing untwist at the plug
<b>Slender strain relief boot</b>	Provides easy access in high-density applications
<b>Patented tangle free latch</b>	Prevents snags and provides easy release, saving time on frequent moves, adds, and changes
<b>Ninth conductor continuity</b>	Provides continuity through the patch cord enabling the PanView iQ™ System to monitor connectivity without interfering with Ethernet performance
<b>Variety of cable colors and lengths</b>	Meets individual length and color-coding requirements for greater system flexibility

## applications

Panduit's PVIQ™ System Hardware, which includes intelligent patch panels, modules and cabling, seamlessly feeds information directly into the Physical Infrastructure Manager (PIM™) Software Platform to provide continuous real-time patch field monitoring and visibility of physical infrastructure connectivity for enhanced system reliability and security and capacity management. PVIQ™ Patch Panels support tiered installations to provide customer with the flexibility of installing passive connectivity that

may be upgraded to fully managed at a future time. PVIQ™ Interconnect Patch Cords enable intelligent physical infrastructure management for interconnect architectures by verifying switch port connection and communicating with the system software, to allow improved network visibility. Interconnect patch cords can reduce patch panel requirements by 50% over cross-connect designs, reducing installation and deployment costs.

### PanView iQ™ Interconnect Patch Cords – CM Rated

<b>Foot lengths:</b>	PVQ-BIU6C3BU*
<b>Meter lengths:</b>	PVQ-BIU6C1MBU**

### PanView iQ™ Interconnect Patch Cords – LSZH Rated

<b>Meter lengths:</b>	PVQ-BIU6L1MBU^
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### PanView iQ™ Patch Panels

<b>Modular, intelligent, blank 24-port</b>	
<b>Flat unshielded:</b>	PVQ-MIQPU24
<b>Angled unshielded:</b>	PVQ-MIQAPU24
<b>Flat shielded:</b>	PVQ-MIQPS24
<b>Angled shielded:</b>	PVQ-MIQAPS24

### PanView iQ™ Intelligence Modules

<b>Panel manager (PM):</b>	PVQ-PM
<b>Expansion module (EM):</b>	PVQ-EM

NOTE: PM requires PanView iQ™ Power Supply (not included).

### PanView iQ™ Power Supply

<b>12 volt power supply (North America):</b>	PVQ-PS12VDC-S
<b>(Europe):</b>	PVQ-PS12VDC-E
<b>(UK):</b>	PVQ-PS12VDC-U
<b>(Japan):</b>	PVQ-PS12VDC-J

NOTE: Power supplies are also available for Europe (-E) and the U.K. (-U).

### PIM™ Software Platform and Modules

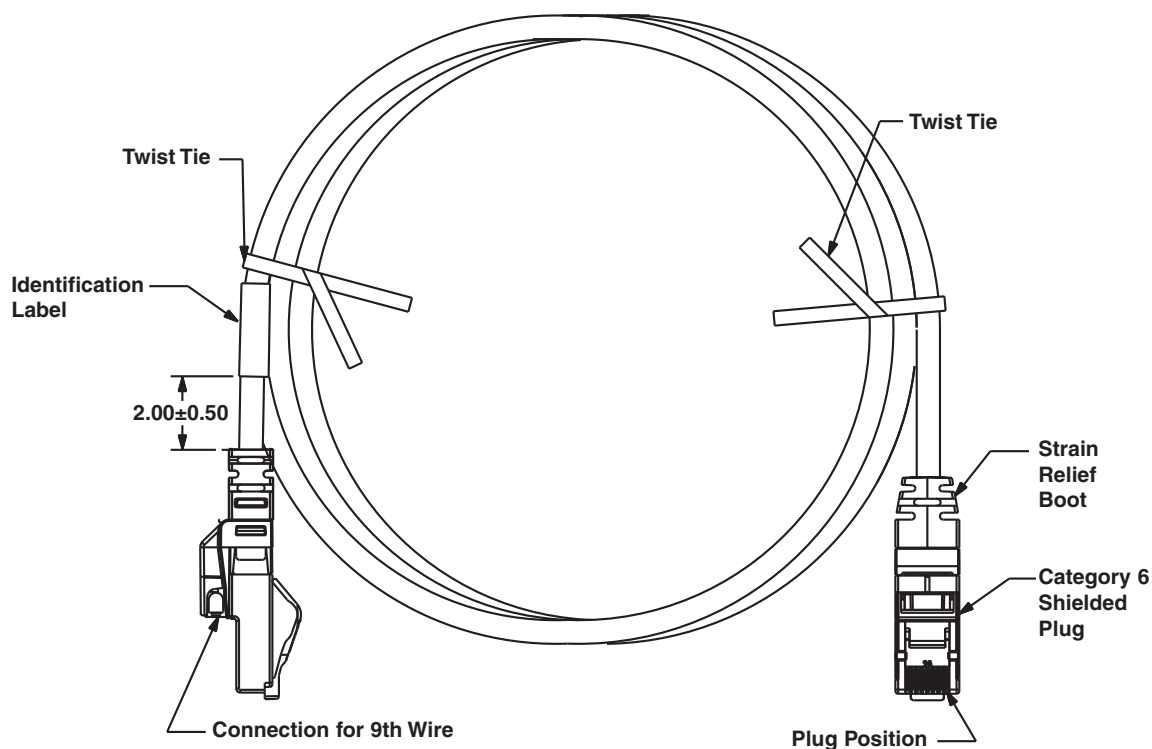
<b>Base functionality module:</b>	PIM-BASE
<b>Connectivity management module:</b>	PIM-CONNECT
<b>Maintenance, support and warranty agreement:</b>	PIM-CAMA
<b>Software and documentation:</b>	PIMS-MEDIA

\*For standard lengths other than 3 feet (5, 7, 10, 14 or 20) change the length designation in part number to the desired length. For standard cable colors other than BU (Blue) replace suffix BU with GR (Green) at the end of the part number. For example, the part number for a green 10-foot CM patch cord is PVQ-BIU6C10GR.

\*\*For standard lengths other than 1 meter (2, 3, 5, or 10) change the length designation in part number to the desired length. For standard cable colors other than BU (Blue) replace suffix BU with GR (Green) at the end of the part number. For example, the part number for a green 10-meter CM patch cord is PVQ-BIU6C10MGR.

^For standard lengths other than 1 meter (2, 3, 5, or 10) change the length designation in part number to the desired length. For standard cable colors other than BU (Blue), replace suffix BU with WH (White) at the end of the part number. For example, the part number for a white 10-meter, LSZH patch cord is PVQ-BIU6L10MWH.

# PanView iQ™ Interconnect Patch Cords



T568B Wiring Scheme

Plug Position	Cable Wire
1	White/Orange
2	Orange
3	White/Green
4	Blue
5	White/Blue
6	Green
7	White/Brown
8	Brown

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