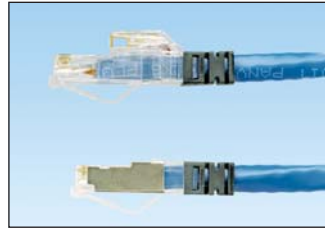# PanView iQ™ Interconnect Patch Cords

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

Electrical performance:	Meets channel and component requirements of ANSI/TIA-568-C.2 Category 6 and ISO 11801 2nd Edition Class E ratified standards at swept frequencies up to 250 MHz
FCC compliance:	Meets ANSI/TIA-968-A; contacts plated with 50 micro-inches of gold for superior performance
IEC compliance:	Meets IEC 60603-7
UL rated:	Meets UL 1863
PoE compliance:	Meet requirements of IEEE 802.3af and IEEE 802.3at for PoE applications

key features and benefits

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

Foot lengths:	PVQ-BIU6C3BU*
Meter lengths:	PVQ-BIU6C1MBU**

PanView iQ™ Interconnect Patch Cords – LSZH Rated

Meter lengths:	PVQ-BIU6L1MBU^

PanView iQ™ Patch Panels

Modular, intelligent, blank 24-port

Flat unshielded:	PVQ-MIQPU24
Angled unshielded:	PVQ-MIQAPU24
Flat shielded:	PVQ-MIQPS24
Angled shielded:	PVQ-MIQAPS24

PanView iQ™ Intelligence Modules

Panel manager (PM):	PVQ-PM
Expansion module (EM):	PVQ-EM

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

PanView iQ™ Power Supply

12 volt power supply (North America):	PVQ-PS12VDC-S
(Europe):	PVQ-PS12VDC-E
(UK):	PVQ-PS12VDC-U
(Japan):	PVQ-PS12VDC-J
(China):	PVQ-PS12VDC-C

PIM™ Software Platform and Modules

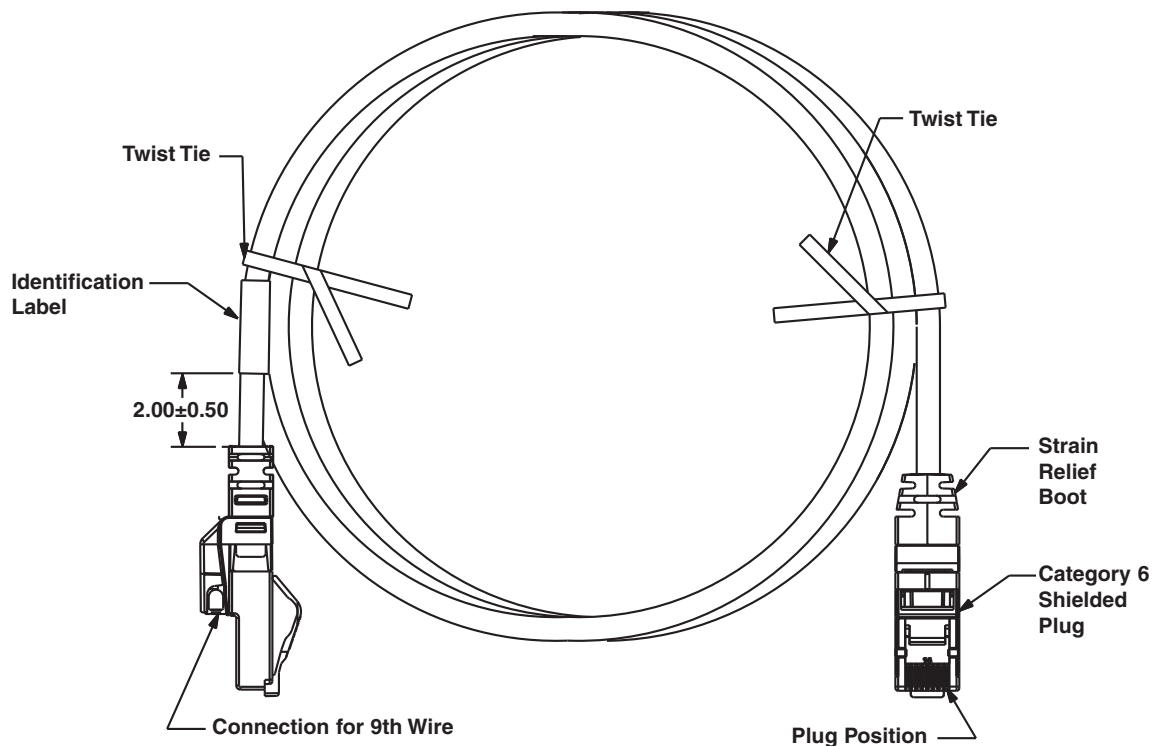|	
Base functionality module:	PIM-BASE
Connectivity management module:	PIM-CONNECT‡
Maintenance, support and warranty agreement:	PIM-CAMA
Software and documentation:	PIM-MEDIA

*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.

‡To order this module, add the appropriate letter to the end of the part number, based on the size of the installation: -S (<50 racks); -M (50-199 racks); -L (200-399 racks); -X (400+ racks). For example, the part number for the Connectivity Management Module for 250 racks is PIM-CONNECT-L.

PanView iQ™ Interconnect Patch Cords

Twist Tie

Twist Tie

Identification Label

2.00±0.50

Strain Relief Boot

Category 6 Shielded Plug

Connection for 9th Wire

Plug Position

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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For more information

Visit us at www.panduit.com

Contact Customer Service by email: cs@panduit.com or by phone: 800.777.3300

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