

PanView iQ™ Copper Patch Cords

specifications

Category 6 and Category 6A patch cords shall be constructed of fully shielded or unshielded twisted pair stranded copper cable with the addition of a ninth conductor. The patch cords shall be terminated at each end with an enhanced performance modular plug that also terminates the ninth conductor on the top of the plug. The patch cords shall be used in conjunction with intelligent patch panels containing the ninth conductor receptacle.



technical information

Category 6/Class E performance:	Exceeds all ANSI/TIA-568-C.2 Category 6 and ISO 11801 2nd Edition Class E channel standard requirements at swept frequencies up to 250 MHz
Category 6A/Class E_A performance:	Exceeds all ANSI/TIA-568-C.2 Category 6A and ISO 11801 2nd Edition Class E _A channel standard requirements at swept frequencies up to 500 MHz
FCC compliance:	Meets FCC Part 68 Subpart F; contacts plated with 50 micro-inches of gold
IEC compliance:	Meets IEC 60603-7
UL listed:	UL1863

key features and benefits

100% performance tested	Component-level testing assures that each patch cord will exceed the critical electrical performance requirements
Internal pair manager	Optimizes performance and consistency by reducing untwist at 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
Quality materials	Utilizes 24 AWG UTP or 26 AWG S/FTP stranded copper cable and RJ45 modular plugs; plug contacts plated with 50 microinches of gold for superior performance
Ninth conductor continuity	Provides continuity through the patch cord, enabling the PanView iQ™ System to monitor connectivity

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™ Copper Patch Cords are a component of the PViQ™ System. With certified performance to Category 6 and Category 6A standards, these patch cords are ideal for today's high-performance applications. The ninth conductor enables robust monitoring of the patch field with the PViQ™ System.

PANDUIT®

SPECIFICATION SHEET

PanView iQ™ System

PanView iQ™ Patch Cords

Category 6 UTP:	PVUTPSPC*BBUY
UTP metric:	PVUTPSPC**MBBUY
S/FTP 10Gig:	PVSTP6X***MB^
UTP 10Gig:	PVUTP6X***MB^

PanView iQ™ Patch Panels

Modular, intelligent, blank 24-port

Flat unshielded: PVQ-MIQU24

Flat shielded: PVQ-MIQPS24

Angled unshielded: PVQ-MIQAPU24

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™ Hardware Kits

Kit with (4) PanView iQ™ Patch Panels, (1) PanView iQ™ PM, (3) PanView iQ™ EMs, and accessories

Flat unshielded kit: PVQ-MIQPS96F

Angled unshielded kit: PVQ-MIQPS96A

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

*Available in 3, 5, 7, 9, 14, or 20 feet

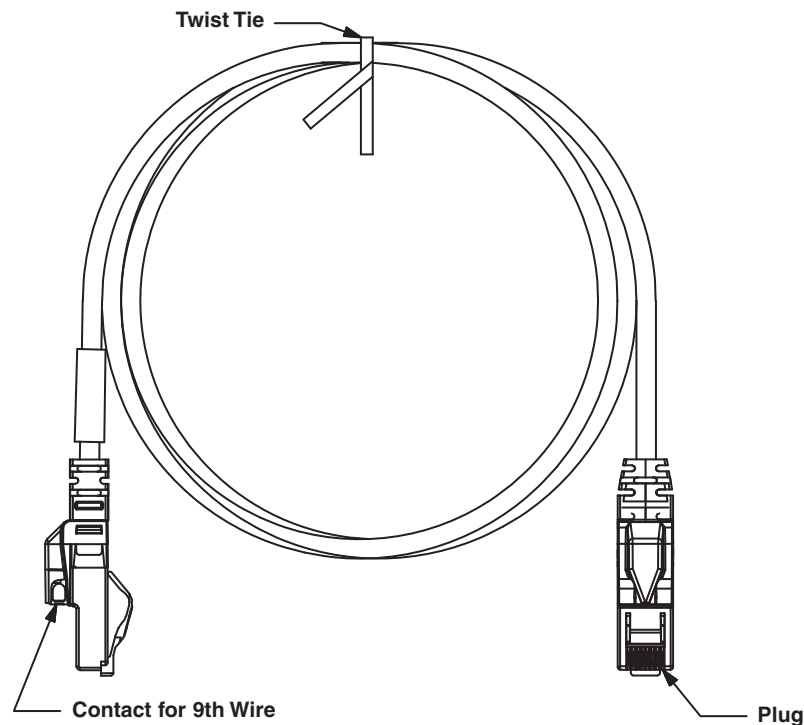
**Available in 1, 2, 3, 5, 7, or 10 meters

***Available in 1, 2, 3, 5, or 10 meters

^Available in BU (Blue), GR (Green), RD (Red), YL (Yellow), or BL (Black).

‡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™ Copper 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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