

# PanView iQ™ (PViQ™) Fiber Trays

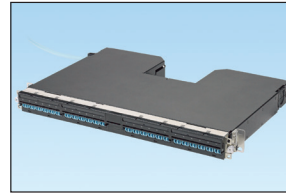
# PANDUIT®

SPECIFICATION SHEET

## specifications

There shall be four versions of the fiber tray: field terminated, MTP<sup>^</sup> singlemode, OM3 MTP<sup>^</sup> multimode, and OM4 MTP<sup>^</sup> multimode to manage patching capabilities for fiber channels. The fiber trays supporting MTP<sup>^</sup> connections shall contain 24 LC (Sr./Sr.) fiber optic adapter modules with zirconia ceramic split sleeves. The drawer shall be installed with four 12-fiber MTP<sup>^</sup> fiber optic adapters. The MTP<sup>^</sup> connectors shall be factory pre-terminated and tested. The fiber tray shall support up to 24-ports. The drawer shall have sufficient room to accommodate fusion splice holders for 48 fiber cables, and slack management spools.

All versions shall be installable in a 19" standard TIA/EIA rack or cabinet utilizing 1 RU of space.



## technical information

<b>Dimensions:</b>	1.72"H x 19.00"W x 12.46"D (43.69mm x 482.60mm x 316.51mm)
<b>Weight:</b>	PVQ-FMT: 10.7 lbs. (4.85kg) PVQ-FMTMTP-9, PVQ-FMTMTP-ZX and PVQ-FMTMTP-ZZ: 15 lbs. (6.8kg)
<b>Mounting:</b>	1 RU, mounts to standard TIA/EIA 19" rack
<b>Packaging:</b>	Includes mounting kit and Ultimate ID® Labeling Kit
<b>Performance properties:</b>	Singlemode link loss at 1310nm, 1550 nm: 0.75 dB max Return loss at 1310nm, 1550nm: 55dB min  Multimode link loss at 850nm, 1300nm: 0.5db max Return loss at 850nm, 1300nm: 26dB min
<b>Construction:</b>	Front connectivity Multimode: LC duplex with PC polish Singlemode: LC duplex with UPC polish  Rear connectivity Multimode: MTP <sup>^</sup> adapters with male ferrules (pins) and PC polish Singlemode: MTP <sup>^</sup> adapters with male ferrules (pins) and APC polish

## key features and benefits

<b>4 fiber tray styles</b> <small>PATENTED</small>	Offers design flexibility for scalability and growth of network management; supports fiber deployment in storage area networks; maximizes space and offers greater management and protection of fiber trunks
<b>Mini-Com® Fiber Optic Port geometry</b>	MTP <sup>^</sup> version allows use of 24 Mini-Com® LC Sr./Sr. fiber optic adapter modules which support multimode and singlemode connections, offering design flexibility and reducing risk associated with fiber cable maintenance and expansion
<b>Internal fiber management</b>	Protects splices and pigtailed from damage while maintaining bend radius control improving the reliability and data throughput for improved bandwidth
<b>Design functionality</b>	Enhances usability and maintainability through an enclosure and drawer design that allows for easy access to the fiber connectivity
<b>PM/EM interoperability</b>	An easily-accessible integrated mechanism for mounting a PM or EM module simplifies installation and maintenance; permits the combination of PViQ™ Fiber Trays and PViQ™ Patch Panels within the same cluster of PMs/EMs; copper and fiber can be mixed for maximum design flexibility
<b>Safety hinge for the drawer tray</b>	When the drawer tray is pulled out of enclosure for service or installation, it safely hinges on the enclosure with a capability to be removed completely for ease of new fiber installation and splicing

## applications

Panduit® 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. Eliminating the need for additional rack space, the PViQ™ Fiber Trays allow for direct installation of PViQ™ Intelligence Modules within the same rack unit profile. This approach gives IT Managers the option

to phase installations (installing passive connectivity now and upgrading to a fully managed system at a later time) and to quickly swap out modules for upgrades or repairs without disrupting cabling or data traffic through the panels. An interface unit at the center of the panel adds further built-in functionality such as patch cord tracing and maintenance operations, without the need for additional control equipment.

PViQ™ Fiber Trays are available in field terminated, MTP<sup>^</sup> singlemode, OM3 MTP<sup>^</sup> multimode, and OM4 MTP<sup>^</sup> multimode to manage patching capabilities for fiber channels.

<sup>^</sup>MTP is a registered trademark of US Conec Ltd.

[www.panduit.com](http://www.panduit.com)

### PanView iQ™ Fiber Trays

<b>Open fiber tray:</b>	PVQ-FMT
<b>MTP<sup>^</sup> singlemode fiber tray:</b>	PVQ-FMTMTP-9
<b>OM3 MTP<sup>^</sup> multimode fiber tray:</b>	PVQ-FMTMTP-ZX
<b>OM4 MTP<sup>^</sup> multimode fiber tray:</b>	PVQ-FMTMTP-ZZ

### 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

### PanView iQ™ Fiber Patch Cords

<b>Interconnect:</b>	
<b>Singlemode LC-PViQ LC, LSZH:</b>	PVQ9LE10LQM##.#*
<b>OM3 multimode LC-PViQ LC, LSZH:</b>	PVQXLE10LQM##.##**
<b>OM4 multimode LC-PViQ LC, LSZH:</b>	PVQZLE10LQM##.##**
<b>Singlemode LC-PViQ LC, OFNP:</b>	PVQ9PE10LQM##.#*
<b>OM3 multimode LC-PViQ LC, OFNP:</b>	PVQXPE10LQM##.##**
<b>OM4 multimode LC-PViQ LC, OFNP:</b>	PVQZPE10LQM##.##**
<b>Cross-Connect:</b>	
<b>Singlemode LSZH LC-LC:</b>	PVF9L10-10M‡Y*
<b>OM3 LC-LC 50 micron LSZH:</b>	PVFXL10-10M‡Y**

### 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
<b>(China):</b>	PVQ-PS12VDC-C

### PIM™ Software Platform and Modules

<b>Base functionality module:</b>	PIM-BASE
<b>Connectivity management module:</b>	PIM-CONNECT <sup>^</sup>
<b>Maintenance, support and warranty agreement:</b>	PIM-CAMA

‡Available in 1/2 meter increments from 0.5m to 10m.

##.#Available in 1/2 meter increments from 0.5m to 10.0m.

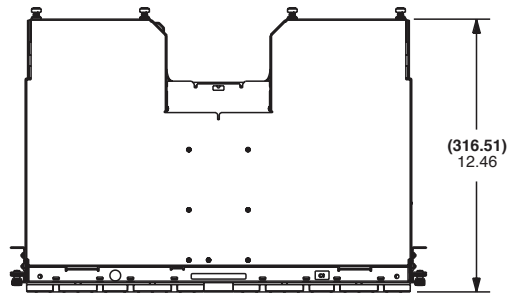
\*Yellow only.

\*\*Aqua only.

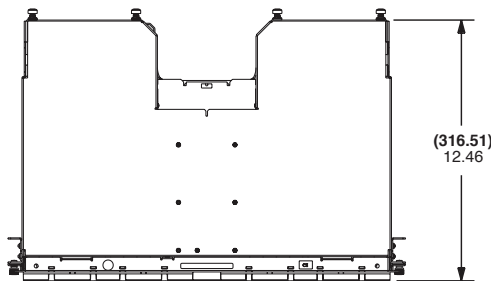
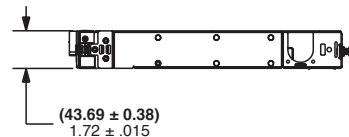
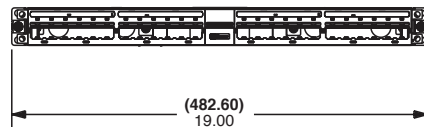
<sup>^</sup>To order this module, add the appropriate letter to the end of the part number, based on the size of the installation: -S (<50 racks); -M (50-199 racks); -L (200-399 racks); -X (400+racks). For example, the part number for the Connectivity Management Module for 250 racks is PIM-CONNECT-L.

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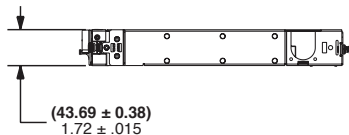
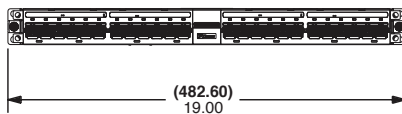
Part Number	Description
PVQ-FMT	PViQ™ 24-Port Fiber Tray with no fiber adapters.
PVQ-FMTMTP-9	PVQ-FMTMTP-9 PViQ™ 24-Port, Single-Mode Fiber Tray including 24 (CMDSLCZBU) LC SR./SR. SFF Duplex Singlemode Blue Adapters with Zirconia Ceramic Split Sleeves.
PVQ-FMTMTP-ZX	PViQ™ 24-Port OM3 MTP Fiber Tray including 24 (CMDSAQLCZBL) LC SR./SR. 10Gig™ SFF Duplex Multimode Aqua Adapters with Zirconia Ceramic Split Sleeves.
PVQ-FMTMTP-ZZ	PViQ™ 24-Port OM4 optimized MTP Fiber Tray including 24 (CMDSAQLCZBL) LC SR./SR. 10Gig™ SFF Duplex Multimode Aqua Adapters with Zirconia Ceramic Split Sleeves.



PVQ-FMT



PVQ-FMTMTP-9  
PVQ-FMTMTP-ZX  
PVQ-FMTMTP-ZZ



Dimensions are in inches [Dimensions in parenthesis are metric]

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