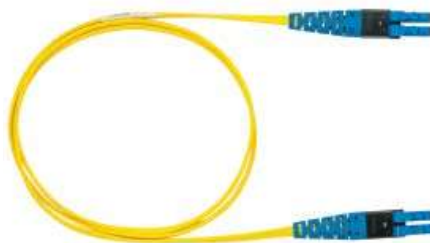


# PanView iQ™ Cross Connect Fiber Patch Cords

The fiber patch cords shall be constructed of industry leading materials. The fiber patch cords shall be terminated at each end with an enhanced performance LC connector that also terminates the copper conductor on the top of the plug. The fiber patch cords shall be available in single-mode and multi-mode configuration. The fiber patch cords shall be used in the fiber patch field of a PanView iQ™ System.



## technical information

<b>Standards requirements:</b>	All connectors exceed TIA/EIA-455-21A: 500 mating cycles Compliant with: TIA/EIA-568-C.3 and ISO/IEC 11801 IEC-61754-7 (International) TIA-604-10 (FOCIS-10) UL 1666 (OFNR) or NFPA 262 (OFNP) flame ratings
<b>Insertion loss:</b>	Per connection: 0.25dB max (OM3, OM4) 0.35dB max (LC singlemode)
<b>Return loss:</b>	26dB min (10Gig™ multimode) 55dB min (singlemode)
<b>Intermateability requirements:</b>	Meet all individual type requirements
<b>Packaging:</b>	Supplied one per bag, carton of 10

## key features and benefits

<b>100% performance tested</b>	Assurance that each patch cord will deliver the critical electrical performance requirements
<b>Documented metrics</b>	Insertion loss data recorded for every patch cord
<b>Lifetime traceability</b>	Test data is traceable to a QC number on each patch cord
<b>Metallic continuity element</b>	Provides continuity through the patch cord enabling the PanView iQ™ System to robustly monitor patch cord connectivity
<b>Variety of lengths</b>	Available in 1/2 meter increments from 0.5 meter to 10 meters

## 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. The PViQ™ Fiber Patch Cords are a component of the PViQ™ System. With certified performance to TIA/EIA-568-C.3, these patch cords are ideal for today's high performance fiber applications. The metallic conductor enables robust monitoring of the fiber patch field with the PViQ™ System.

### PanView iQ™ System

#### PanView iQ™ Patch Cords

<b>Singlemode</b>	
<b>LSZH LC-LC:</b>	PVF9L10-10M±Y
<b>OM3 LC-LC 50 micron LSZH:</b>	PVFXL10-10M±Y
<b>OM4 LC-LC 50 micron LSZH:</b>	PVFZL10-10M±Y

#### PanView iQ™ Fiber Trays

<b>Modular, intelligent, blank 24-port no adapters:</b>	
	PVQ-FMT
<b>OM3 optimized</b>	
<b>MTP:</b>	PVQ-FMTMTP-ZX
<b>singlemode</b>	
<b>MTP:</b>	PVQ-FMTMTP-9

#### PanView iQ™ Intelligence Modules

<b>Panel manager</b>	
<b>(PM):</b>	PVQ-PM
<b>Expansion module</b>	
<b>(EM):</b>	PVQ-EM
NOTE: PM requires PanView iQ™ Power Supply (not included).	

#### PanView iQ™ Power Supply

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

#### PIM™ Software Platform and Modules

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

±Available in 1/2 meter increments from 0.5M to 10M

# PanView iQ™ Cross Connect Fiber Patch Cords

## part number

Example: PVFXL10-10M7.5Y = PViQ OM3, LSZH, LC-LC 7.5 meters.

CHARACTER	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
EXAMPLE	P	V	F	X	L	1	0	-	1	0	M	7	.	5	Y

### 1, 2 – PViQ

#### 3 – Fiber

F = Fiber

#### 4 – Fiber Type

9 = OS1/OS2 Singlemode

X = OM3 50/125µm

Z = OM4 50/125µm

#### 5 – Jacket Type

L = Low Smoke Zero

Halogen (LSZH)

### 6, 7 – Connector Type (end A)

10 = PViQ Duplex LC

### 8 – Dash

### 9, 10 – Connector Type (end B)

10 = PViQ Duplex LC

### 11 – Unit of Length

M = Meters

### 12, 13, 14 – Cable Assembly Length

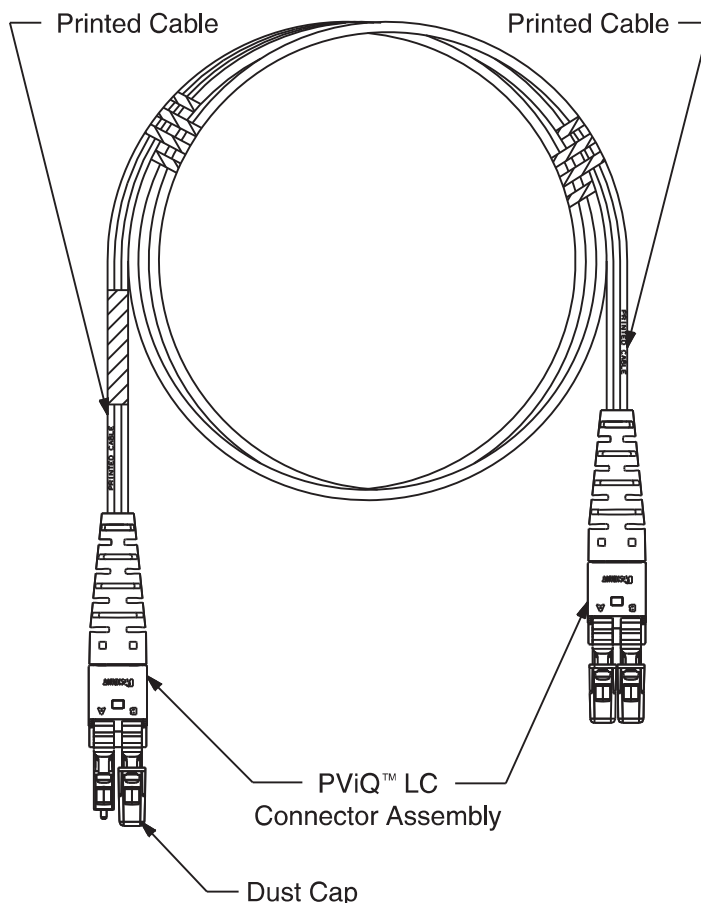
0.5-10

M = Meters

### 15 – RoHS Compliant

Y = Yes

## cable assembly detail



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