

QuickNet™ SFQ Series 4-to-1 Migration Fiber Optic Cassettes

technical information

QuickNet™ SFQ Series 4-to-1 Migration Cassettes convert a single lane of parallel optic signals (i.e. 40GBASE-SR4, 100GBASE-SR4, 200GBASE-SR4) into (4) discrete duplex LC channels. For example, a single MPO connector running 40GBASE-SR4 is broken out to 4 lanes of 10GBASE-SR on duplex LCs. The cassettes feature one rear MTP* port connection and 4 duplex LC ports in front.



application

Application areas include key elements as specified in Data Center Cabling Standard TIA 942 cross connects in main, horizontal, and equipment distribution areas.

construction

Fiber count:	8	
Fiber types:	Multimode:	OM3 50/125µm OM4 50/125µm
	Singlemode:	OS2 9/125µm
Front connectivity:	LC Duplex, Multimode with PC polish Singlemode with UPC polish	
Split sleeve material (SC or LC adapters):	Zirconia ceramic:	All multimode OM4, OM3, and singlemode OS2 cassettes
Rear MTP* connectivity:	Multimode:	MTP* adapter(s) with male ferrules (pins) and PC polish
Rear MTP* APC connectivity:	Singlemode:	MTP* adapter(s) with male ferrules (pins) and APC polish

environmental properties

Operating temperature:	0°C to 70°C (32°F to 158°F)
Storage and shipping temperature:	-40°C to +75°C (-40°F to 167°F)

performance properties

Insertion loss (Link loss):	Optimized Loss (per channel):	0.5dB max.
	Standard Loss (per channel):	0.75dB max.
Return loss:	Per channel: Multimode	>26dB (OM3/OM4)
		>55dB (OS2) Singlemode
Connector durability:	MTP* and LC ports meet TIA/EIA-568.C.3; A.4.9 Durability: 500 mating cycles (multimode and singlemode)	

standards

Connectivity meets or exceeds TIA/EIA-568-C.3 performance requirements. Supports IEEE 802.3ba (40/100 Gigabit Ethernet).

*MTP is a registered trademark of US Conec Ltd.
Visit www.panduit.com/hsdt to learn more about how these solutions help customers manage risk across their physical infrastructure.

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part number configurator

CHARACTER	1	2	3	4	5	6	7	8	9	10	11	12
EXAMPLE	F	Q	3	Z	O	–	0	8	–	1	0	A

1 – Fiber Product

F = Fiber

2 – Product

Q = QuickNet SFQ Series

Fiber Optic Cassette

3 – Generation

3 = 4-to-1 Migration

4 – Fiber Type

X = OM3 10Gig 50/125µm

Z = OM4 10Gig 50/125µm

9 = OS2 9/125µm

5 – Fiber Performance

N = Standard

O = Optimized

6 – Dash

7 and 8 – Numbers of Fibers

08 = 8 fibers total

9 – Dash

10 and 11 – Adapter Type

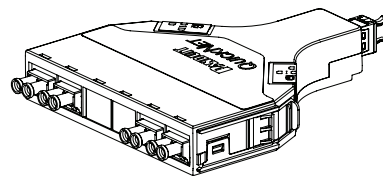
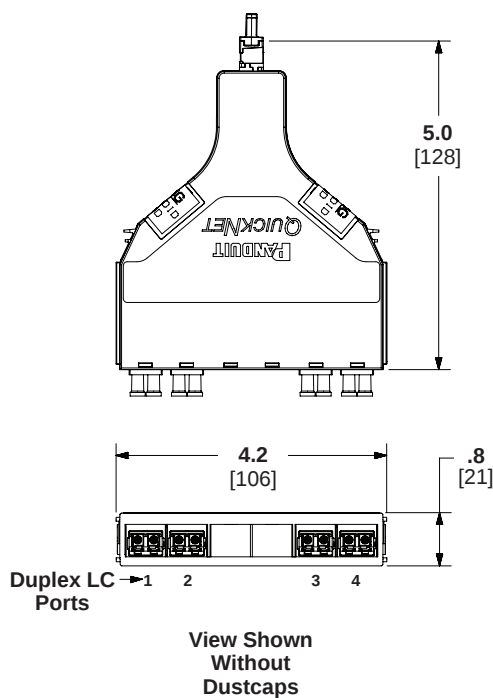
10 = Duplex LC Adapter

12 – Polarity

A = Method A Connectivity

B = Method B Connectivity

QuickNet™ MTP* Fiber Optic Cassettes



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Dimensions are in inches [Dimensions in brackets are metric]

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