

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: >26dB (OM3/OM4) Multimode >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

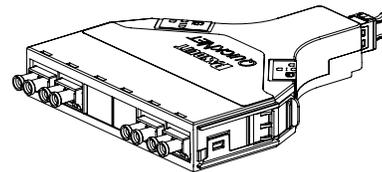
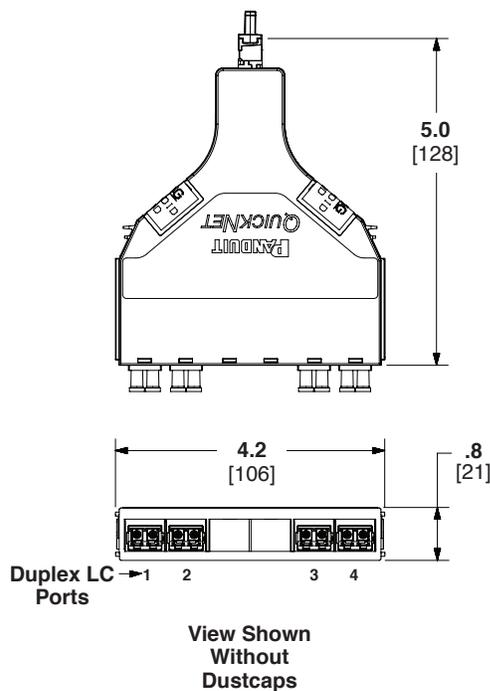
10 and 11 – Adapter Type

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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