

QuickNet™ SFQ Series MTP* Fiber Optic Cassettes

technical information

QuickNet™ SFQ Series MTP* Fiber Optic Cassettes comply with IEEE 802.3ae 10 GbE and ANSI T11.2 Fibre Channel requirements. Fiber optic cassettes support network data rates up to 10 Gb/s for link lengths up to 300 meters using laser optimized OM3 fiber and link lengths up to 550 meters using OM4 fiber. Optimized cassettes provide insertion loss of 0.5dB max., and standard cassettes provide 0.75dB max. to meet IEEE 802.3ae max. channel loss specification of <26dB. QuickNet™ SFQ Series MTP* Fiber Optic Cassettes employ high performance MTP* connectors on the rear of the units routed to 6 or 4 duplex LC colors shall follow TIA/EIA-568-C.3 suggested color identification scheme. They interconnect with high-density SFF MTP* ribbon interconnect cable assemblies. High-density cassette patch panels shall hold up to 8 cassettes, allowing up to 96 fiber connections to be deployed in one rack unit (1 RU).



application

Allows system designers to tailor configuration, reach and breakout construction to application requirements; to minimize waste, optimize cable management, speed deployment, and improve flexibility and manageability for lower installation costs.

construction

Fiber types:	Singlemode: OS1/OS2 9/125um Multimode: OM1 62.5/125um OM2 50/125um OM3 10Gig 50/125um OM4 10Gig 50/125um
Fiber count:	6, 8 and 12
Split sleeve material:	Zirconia ceramic: Optimized 10Gig and 10Gig OM3 and OM4 multimode cassettes OS1/OS2 singlemode cassettes Phosphor bronze: OM1 and OM2 multimode cassettes
Insertion loss:	Optimized (per fiber): 0.5dB max. Standard (per fiber): 0.75dB max.
Return loss:	Per fiber: >26dB (10Gig multimode), >20dB (multimode), >55dB (singlemode)

environmental properties

Operating temperature:	0°C to +70°C
Storage and shipping temperature:	-40°C to +70°C
Installation temperature	0°C to +60°C
ROHS 2002/95/EC:	Compliant

standards

Connectivity meets or exceeds TIA/EIA-568-C.3 performance requirements
Supports IEEE 802.3ae (10 Gigabit Ethernet) and ANSI T11.2 (Fibre Channel) channel and link specifications
MTP* connector exceeds TIA/EIA-455-21A: 1000 mating cycles (multimode) and 500 mating cycles (singlemode)



For More Information:
(866) 787-3271
Sales@PTSdcs.com

part number configurator

Character	1	2	3	4	5	6	7	8	9	10	11	12
Example	F	Q	X	O	-	1	2	-	1	0	A	S

1 – Fiber Product

F = Fiber

2 – Product Type

Q = QuickNet

3 – Fiber Type

5 = OM2 Fiber (50/125µm);
Available with standard loss only

6 = OM1 Fiber (62.5/125µm);
Available with standard loss only

9 = OS1/OS2 Fiber; Available with
standard loss only

X = OM3 Fiber (10Gig 50/125µm)

Z = OM4 Fiber (10Gig 50/125µm)

S = Signature Core OM+ Fiber;
Available with ultra low loss only
and in 12-fiber LC connectivity

4 – Fiber Type

N = Standard Loss
(0.75dB Link Loss)

O = Optimized Cassette
(0.5dB Link Loss)

A = Ultra Low Loss (0.35dB Link
Loss); only available with
Signature Core™ OM4 + Fiber
and in 12-fiber LC Connectivity

5 – Dash

6, 7 – Fiber Count

06 = 6 fibers total

08 = 8 fibers total

12 = 12 fibers

8 – Dash

9, 10 – Connector Type

03 = Duplex SC Adapter

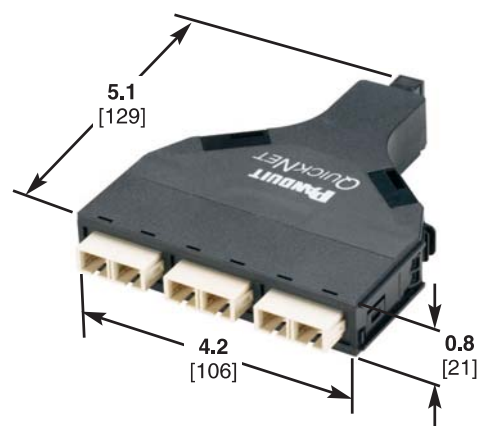
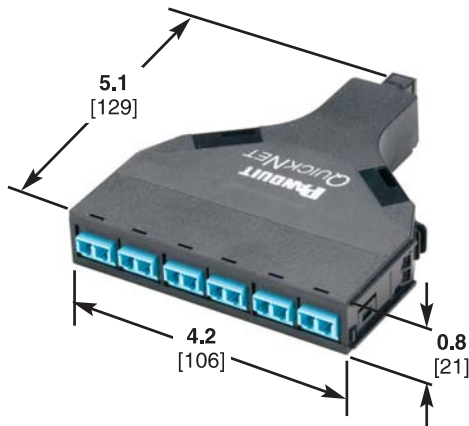
10 = Duplex LC Adapter

11, 12 – Polarity

AS = Method A

AF = Modified Method A,
Pair-Flipped

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Notes:

1. Reference TIA-568-C.0 for details on Method A and Method B Polarities.

2. Method B Cassettes are available upon request. Please contact Panduit for details.

*MTP is a registered trademark of US Conec Ltd.

Dimensions are in inches. [Dimensions in brackets are metric].

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