QuickNet™ SFQ Series MPO Fiber Adapter Panels (FAPs)

specifications

Small Form Factor QuickNet™ (SFQ) MPO FAPs contain FOCIS 5 compatible fiber optic adapters and meet or exceed TIA/EIA-568-C.3 requirements. Variations include panels with 4, 6, or 8 MPO adapters in either key-up to key-up or key-up to key-down configurations. Maximum density allows for 64 MPO ports in a 1RU space when used in conjunction with QuickNet™ Patch Panels. All SFQ FAPs snap quickly into the rear of QuickNet™ Patch Panels for easy network deployment and quick migration from 10G to 40/100G infrastructure.

technical information

Standards requirements:	All adapters meet or exceed TIA/EIA-568-C.3 requirements MPO: TIA-604-5-D; FOCIS 5 compatible
Insertion loss and Return Loss:	Supports the performance of Panduit Multimode and Singlemode MPO Patch Cords
	Standard Multimode MPO Patch Cords: 0.50dB Max IL; 20dB Min RL
	Optimized Multimode OM3 and OM4 MPO Patch Cords: 0.35dB Max IL; 26dB Min RL
	Singlemode MPO APC Patch Cords: 0.75dB Max IL; 55dB Min RL

key features and benefits

Snap quickly into QuickNet™ Patch Panels	Assures flexibility and ease of network deployment. Facilitates migration from 10G to 40/100G infrastructure	
MPO adapters follow TIA/EIA-568-C.3 and TIA-604-5-D polarity standards	Type A Polarity:	Black adapter housing with key-up to key-down configuration; K=1
	Type B Polarity:	Charcoal gray adapter housing with key-up to key-up configuration; K=2
MPO adapters offer a compact design for ultimate density	Fits into SC-sized simplex panel openings (See TIA/EIA-604-3 for full dimensional details)	

applications

The QuickNet™ SFQ Series Fiber Adapter Panels are a component of the QuickNet™ Fiber Optic Cabling System. QuickNet™ SFQ Series Fiber Adapter Panels are used in high-density network applications as specified in the Data Center Cabling Standard TIA 942 for cross connects in main distribution, horizontal distribution, and equipment distribution areas. The QuickNet™ Pre-Terminated Cabling System meets the demands of Gigabit Ethernet, 10 Gigabit Ethernet, and high-speed Fibre Channel systems while maintaining compatibility with Ethernet, Fast Ethernet, and ATM. QuickNet™ SFQ Series Fiber Optic Cassettes, MPO Fiber Adapter Panels and QuickNet™ Copper Cable Assemblies are interchangeable within QuickNet™ Angled and Standard Patch Panels, enabling deployment flexibility and a unified pre-terminated solution. This ensures efficient use of space, quick deployment and the highest reliability for the lowest installed cost.

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QuickNet™ SFQ MPO FAPs – Type A Black Adapters

FAP with 4 MPO key-up/key-down adapters:	FQMAP45BL
FAP with 6 MPO key-up/key-down adapters:	FQMAP65BL
FAP with 8 MPO key-up/key-down adapters:	FQMAP85BL

QuickNet™ SFQ MPO FAPs – Type B Charcoal Gray Adapters

FAP with 4 MPO key-up/key-up adapters:	FQMAP46CG
FAP with 6 MPO key-up/key-up adapters:	FQMAP66CG
FAP with 8 MPO key-up/key-up adapters:	FQMAP86CG

Fiber Optic MPO Adapter

MPO adapter Type A; Key up to key down, black:	FAMPOBLA‡
MPO adapter; MPO adapter Type B; Key up to key up, charcoal gray:	FAMPOCGB‡

‡ Listed as single piece. Available in pks. of 10. Add -X to end of part number

QuickNet™ MTP* Trunk Cable Assemblies (Female MTP* to Female MTP*) – Plenum (OFNP) Rated

12-fiber:	FSP^1255F‡‡‡A
24-fiber:	FSP^2455F‡‡‡A
48-fiber:	FSP^4855F‡‡‡A

QuickNet™ MTP* Trunk Cable Assemblies (Male MTP* to Male MTP*) – Plenum (OFNP) Rated

12-fiber:	FSP^1266F‡‡‡A
24-fiber:	FSP^2466F‡‡‡A
48-fiber:	FSP^4866F‡‡‡A

QuickNet™ MTP* Trunk Cable Assemblies (Female MTP* to Male MTP*) – Plenum (OFNP) Rated

12-fiber:	FSP^1256F‡‡‡A
24-fiber:	FSP^2456F‡‡‡A
48-fiber:	FSP^4856F‡‡‡A

QuickNet™ MTP*/MPO Multimode Interconnect Round Cable Assemblies Female to Female – Plenum (OFNP) Rated

OM4 – 10Gig™ 50/125µm:	FZN0505RTPM001
Optimized OM4 – 10Gig™ 50/125µm:	FZP0505RTPM001
OM3 – 10Gig™ 50/125µm:	FXN0505RTPM001
Optimized OM3 – 10Gig™ 50/125µm:	FXP0505RTPM001
OM2 – 50/125µm:	F5N0505RTPM001

QuickNet™ MTP*/MPO Multimode Interconnect Round Cable Assemblies Male to Male – Plenum (OFNP) Rated

OM4 – 10Gig™ 50/125µm:	FZN0606RTPM001
Optimized OM4 – 10Gig™ 50/125µm:	FZP0606RTPM001
OM3 – 10Gig™ 50/125µm:	FXN0606RTPM001
Optimized OM3 – 10Gig™ 50/125µm:	FXP0606RTPM001
OM2 – 50/125µm:	F5N0606RTPM001

QuickNet™ Cassette MTP* Cleaning Tool

All MTP* connectors:	FIBCCT

QuickNet™ Patch Panels

Angled 24-port:	QAPP24BL
Angled 48-port:	QAPP48HDBL
Standard 24-port:	QPP24BL
Standard 48-port:	QPP48HDBL

### QuickNet™ Zero RU Cassette Bracket

Holds 2 cassettes:	FQCBRUA

*MTP is a registered trademark of US Conec Ltd.

^Z = 550 meter reach 10Gig™ Multimode OM4 (12-fiber only), X = 300 meter reach 10Gig™ Multimode OM3, 5 = 50/125µm Multimode OM2, 6 = 62.5/125µm Multimode OM1, 9 = Singlemode OS1/OS2

‡‡‡Standard lengths for MTP* to MTP* OM3/OM4, 12, 24 and 48 fiber are available from 40 to 200 feet in increments of 5 feet. Ex: FSPX1255F040A (40ft. length) to FSPX1255F100A 100ft. length.) For additional lengths and availability, please contact Panduit Customer Service.

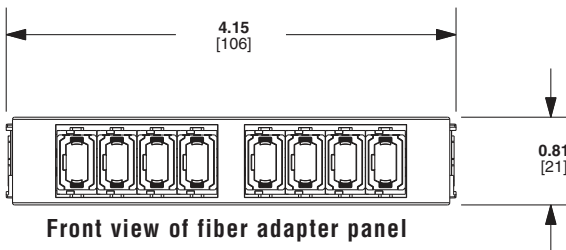# QuickNet™ SFQ Series MPO Fiber Adapter Panels (FAPs)

MPO Fiber Adapter Panels
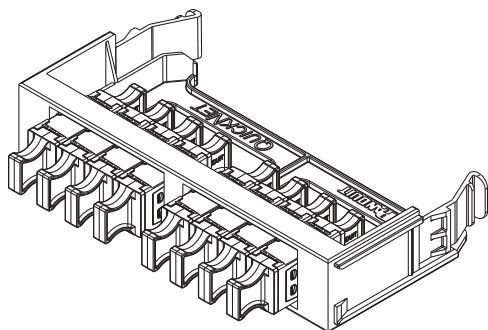
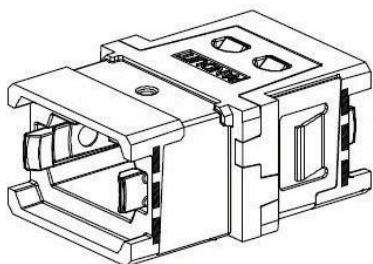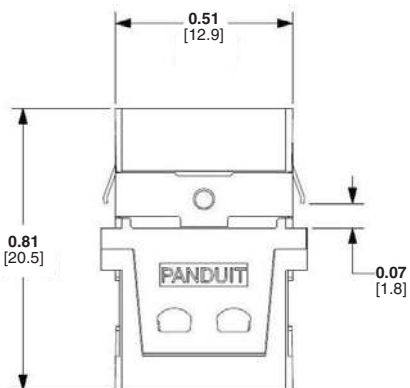**Angled view of fiber adapter panel
(Shown with dust caps)**

2.16
[23.4]

2.39
[61]
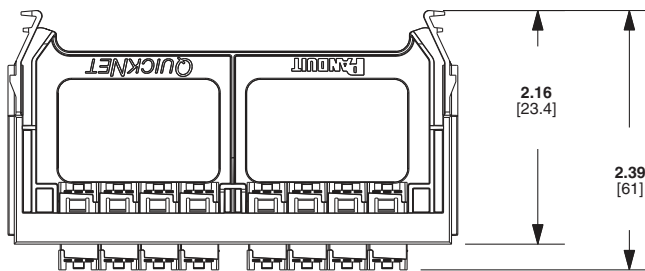
Top view of fiber adapter panel

4.15
[106]

0.81
[21]

Front view of fiber adapter panel

MPO Fiber Adapter

**MPO adapter
(Shown with dust caps removed)**

0.51
[12.9]

0.81
[20.5]

0.07
[1.8]

Top view of MPO adapter

0.59
[15.0]
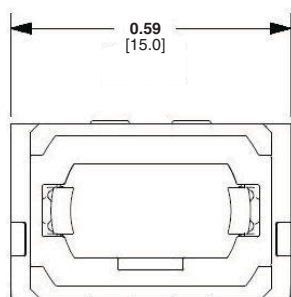
Front view of MPO adapter

0.81
[20.5]

0.37
[9.3]
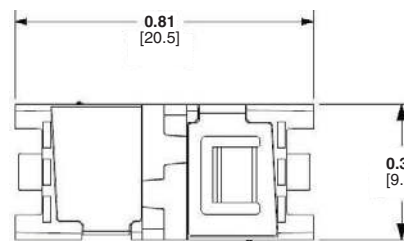
Side view of MPO adapter

Dimensions are in inches [Dimensions in brackets are metric]

For more information

Visit us at www.panduit.com

Contact Customer Service by email: cs@panduit.com
or by phone: 800.777.3300

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