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 re- quirements:	All adapters meet or exceed TIA/EIA-568 604-5-D; FOCIS 5 compatible	-C.3 requirements MPO: TIA-
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	Type A Polarity:	Black adapter housing with key-up to key-down configuration; K=1
and TIA-604-5-D polarity standards	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		d simplex panel openings (See TIA/ I dimensional details)

PANDUIT[®] SPECIFICATION SHEET

	QuickNet [™] SFQ MP	
	Type A Black Adapt FAP with 4 MPO key-	
	key-down adapters:	FQMAP45BL
	FAP with 6 MPO key-	<i>up/</i> FQMAP65BL
	key-down adapters: FAP with 8 MPO key-	
	key-down adapters:	
	QuickNet [™] SFQ MP Type B Charcoal Gr	
	FAP with 4 MPO key-	
	key-up adapters:	FQMAP46CG
	FAP with 6 MPO key- key-up adapters:	<i>up/</i> FQMAP66CG
	FAP with 8 MPO key-	up/
	key-up adapters: Fiber Optic MPO Ac	FQMAP86CG
	MPO adapter Type A;	
	Key up to key	
	down, black: MPO adapter;	FAMPOBLA‡
_	MPO adapter Type B;	
	Key up to key up, charcoal gray:	FAMPOCGB‡
	‡ Listed as single piece.	
	Add -X to end of part nu QuickNet [™] MTP* Tru	unk Cable Assemblies
	(Female MTP* to Fe	male MTP*) – Plenum
	(OFNP) Rated	FORMAREELLIA
	12-fiber: 24-fiber:	FSP^1255F‡‡‡A FSP^2455F‡‡‡A
	48-fiber:	FSP^4855F‡‡‡A
		Ink Cable Assemblies
	(Male MTP* to Male (OFNP) Rated	MTP^) – Plenum
	12-fiber:	FSP^1266F‡‡‡A
	24-fiber:	FSP^2466F‡‡‡A
	48-fiber: QuickNet™ MTP* Tru	FSP^4866F‡‡‡A Ink Cable Assemblies
	(Female MTP* to Ma	
	(OFNP) Rated	FORMOSOFILLA
	12-fiber: 24-fiber:	FSP^1256F‡‡‡A FSP^2456F‡‡‡A
	48-fiber:	FSP^4856F‡‡‡A
	QuickNet [™] MTP*/M	FSP^4856F‡‡‡A PO Multimode Interconnect
	QuickNet [™] MTP*/M	FSP^4856F‡‡‡A PO Multimode Interconnect nblies Female to Female –
•	QuickNet [™] MTP*/M Round Cable Assen Plenum (OFNP) Rat OM4 – 10Gig™	FSP^4856F‡‡‡A PO Multimode Interconnec: nblies Female to Female – ed
	QuickNet™ MTP*/MI Round Cable Asser Plenum (OFNP) Rat	FSP^4856F‡‡‡A PO Multimode Interconnect nblies Female to Female –
	QuickNet [™] MTP*/MI Round Cable Assen Plenum (OFNP) Rat 0M4 – 10Gig [™] 50/125µm: Optimized OM4 – 10Gig [™] 50/125µm:	FSP^4856F‡‡‡A PO Multimode Interconnec: nblies Female to Female – ed
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	QuickNet [™] MTP*/MI Round Cable Assert Plenum (OFNP) Rat OM4 – 10Gig [™] 50/125µm: Optimized OM4 – 10Gig [™] 50/125µm: OM3 – 10Gig [™] 50/125µm: Optimized OM3 –	FSP^4856F‡‡‡A PO Multimode Interconnect nblies Female to Female – ed FZN0505RTPM001 FZP0505RTPM001 FXN0505RTPM001
	QuickNet [™] MTP*/MI Round Cable Assen Plenum (OFNP) Rat 50/125µm: Optimized OM4 – 10Gig [™] 50/125µm: OM3 – 10Gig [™] 50/125µm: Optimized OM3 – 10Gig [™] 50/125µm:	FSP^4856F‡‡‡A PO Multimode Interconnect nblies Female to Female – ed FZN0505RTPM001 FZP0505RTPM001 FXN0505RTPM001 FXP0505RTPM001
	QuickNet ^{***} MTP*/MI Round Cable Asser Plenum (OFNP) Rat 0M4 – 10Gig ^{***} 50/125µm: Optimized 0M4 – 10Gig ^{***} 50/125µm: 0M3 – 10Gig ^{***} 50/125µm: Optimized 0M3 – 10Gig ^{***} 50/125µm: 0M2 – 50/125µm:	FSP^4856F‡‡‡A PO Multimode Interconnect inblies Female to Female – ed FZN0505RTPM001 FZP0505RTPM001 FXN0505RTPM001 FXP0505RTPM001 F5N0505RTPM001
	QuickNet [™] MTP*/MI Round Cable Asser Plenum (OFNP) Rat OM4 – 10Gig [™] 50/125µm: Optimized OM4 – 10Gig [™] 50/125µm: OM3 – 10Gig [™] 50/125µm: Optimized OM3 – 10Gig [™] 50/125µm: OM2 – 50/125µm: QuickNet [™] MTP*/MI Round Cable Asser	FSP^4856F‡‡‡A PO Multimode Interconnect nblies Female to Female – ed FZN0505RTPM001 FZP0505RTPM001 FXN0505RTPM001 FXN0505RTPM001 PO Multimode Interconnect nblies Male to Male –
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•	QuickNet ^{***} MTP*/MI Round Cable Asser Plenum (OFNP) Rat OM4 – 10Gig ^{***} 50/125µm: Optimized OM4 – 10Gig ^{***} 50/125µm: OM3 – 10Gig ^{***} 50/125µm: Optimized OM3 – 10Gig ^{***} 50/125µm: OM2 – 50/125µm: QuickNet ^{***} MTP*/MI Round Cable Asser Plenum (OFNP) Rat OM4 – 10Gig ^{***} 50/125µm: Optimized OM4 – 10Gig ^{***} 50/125µm: Optimized OM3 – 10Gig ^{***} 50/125µm: Optimized OM3 – 10Gig ^{****} 50/125µm: Optimized OM3 – 10Gig ^{*****} Cassette All MTP* connectors:	FSP^4856F‡‡‡A PO Multimode Interconnec: mblies Female to Female – ed FZN0505RTPM001 FZP0505RTPM001 FXN0505RTPM001 FXN0505RTPM001 PO Multimode Interconnect mblies Male to Male – ed FZN0606RTPM001 FZP0606RTPM001 FXN0606RTPM001 FXN060FTPM001 FXN060FTPM001 FXN060FTPM001 FXN060FTPM001 FXN060FTPM001 FXN0F
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-	QuickNet ^{***} MTP*/MI Round Cable Asser Plenum (OFNP) Rat 0M4 – 10Gig ^{**} 50/125µm: Optimized 0M4 – 10Gig ^{**} 50/125µm: OM3 – 10Gig ^{**} 50/125µm: Optimized 0M3 – 10Gig ^{**} 50/125µm: OM2 – 50/125µm: QuickNet ^{***} MTP*/MI Round Cable Asser Plenum (OFNP) Rat 0M4 – 10Gig ^{**} 50/125µm: Optimized 0M4 – 10Gig ^{**} 50/125µm: Optimized 0M3 – 10Gig ^{**} 50/125µm: OM3 – 10Gig ^{***} 50/125µm: Optimized 0M3 – 10Gig ^{***} 50/125µm: OM2 – 50/125µm: QuickNet ^{***} Cassette All MTP* connectors: QuickNet ^{***} Patch Pat Angled 24-port: Standard 24-port:	FSP^4856F‡‡‡A PO Multimode Interconnec: mblies Female to Female – ed FZN0505RTPM001 FZP0505RTPM001 FXN0505RTPM001 FXN0505RTPM001 FXN0505RTPM001 PO Multimode Interconnect mblies Male to Male – ed FZN0606RTPM001 FZP0606RTPM001 FXN0606RTPM001 FXN0606RTPM001 FXN0606RTPM001 FXN0606RTPM001 FXN0606RTPM001 FXN0606RTPM001 FXD0606RTPM001
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· · ·	QuickNet ^{***} MTP*/MI Round Cable Asser Plenum (OFNP) Rat OM4 – 10Gig ^{**} 50/125µm: Optimized OM4 – 10Gig ^{**} 50/125µm: OM3 – 10Gig ^{**} 50/125µm: Optimized OM3 – 10Gig ^{**} 50/125µm: OM2 – 50/125µm: QuickNet ^{***} MTP*/MI Round Cable Asser Plenum (OFNP) Rat OM4 – 10Gig ^{**} 50/125µm: Optimized OM4 – 10Gig ^{**} 50/125µm: Optimized OM4 – 10Gig ^{**} 50/125µm: Optimized OM3 – 10Gig ^{***} 50/125µm: Optimized OM3 – 10Gig ^{***} 50/125µm: Optimized OM3 – 10Gig ^{****} 50/125µm: OM2 – 50/125µm: OM3 – 10Gig ^{***} Sundard 4-port: Standard 48-port: Standard 48-port: Standard 48-port: QuickNet ^{***} Zero RU Holds 2 cassettes: *MTP is a registered trac ^Z = 550 meter reach 10 (12-fiber only), X = 300 rt Multimode OM3, 5 = 50/	FSP^4856F‡‡‡A PO Multimode Interconnect mblies Female to Female – ed FZN0505RTPM001 FZP0505RTPM001 FXN0505RTPM001 FXN0505RTPM001 FXN0505RTPM001 PO Multimode Interconnect mblies Male to Male – ed FZN0606RTPM001 FZP0606RTPM001 FXN0606RTPM001 FXN0606RTPM001 FXN0606RTPM001 FXN0606RTPM001 FXN0606RTPM001 FXN0606RTPM001 FXN0606RTPM001 FXD0606RTPM001

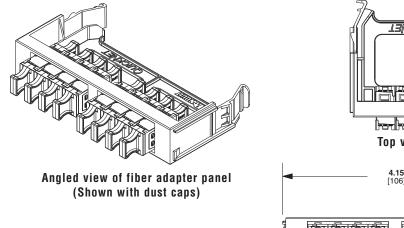
‡‡‡Standard lengths for MTP* to MTP* OM3/OM4, 12, 24 and 48 fiber are available from 40 to 200 feet in increments of 5 feet. Ex: FSPX1255F040A (40ft. length) to FSPX1255F100A 100ft. length.) For additional lengths and availability, please contact Panduit Customer Service.

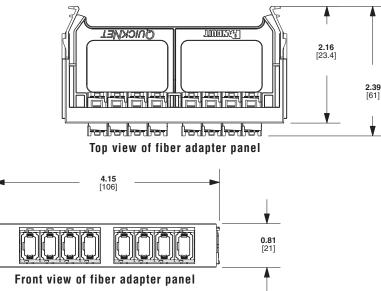
applications

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.

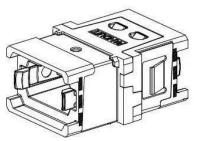
QuickNet[™] SFQ Series MPO Fiber Adapter Panels (FAPs)

MPO Fiber Adapter Panels

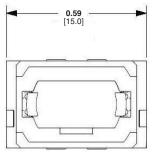




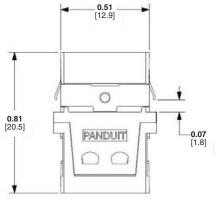
MPO Fiber Adapter



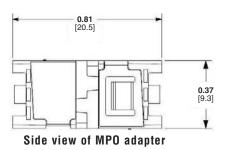
MPO adapter (Shown with dust caps removed)



Front view of MPO adapter



Top view of MPO adapter



Dimensions are in inches [Dimensions in brackets are metric]

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