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 used in conjunction with QuickNet™ Patch Panels. All density allows for 64 MPO ports in a 1RU space when key-up or key-up to key-down configurations. Maximum panels with 4, 6, or 8 MPO adapters in either key-up to exceed TIA/EIA-568-C.3 requirements. Variations include MPO adapter Type B; key-up adapters: Type B; MPO adapter; charcoal gray adapter housing with key-up adapters: FAP with 8 MPO key-up/ key-down adapters: FAMAP68CG key-down adapters: FAMAP68BL key-up adapters: FAMAP68CG key-up adapters: FAMAP68BL key-down adapters: FAMAP68BL
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**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-down 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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MPO Fiber Adapter Panels

Angled view of fiber adapter panel (Shown with dust caps)

Front view of fiber adapter panel

Top view of fiber adapter panel

MPO Fiber Adapter

MPO adapter (Shown with dust caps removed)

Front view of MPO adapter

Top view of MPO adapter

Side view of MPO adapter

Dimensions are in inches [Dimensions in brackets are metric]

WORLDWIDE SUBSIDIARIES AND SALES OFFICES

PANDUIT CANADA
Markham, Ontario
cs-cdn@panduit.com
Phone: 800.777.3300

PANDUIT EUROPE LTD.
London, UK
cs-emea@panduit.com
Phone: 44.20.8601.7200

PANDUIT SINGAPORE PTE. LTD.
Republic of Singapore
cs-ap@panduit.com
Phone: 65.6305.7575

PANDUIT JAPAN
Tokyo, Japan
cs-japan@panduit.com
Phone: 81.3.6863.6000

PANDUIT LATIN AMERICA
Guadalajara, Mexico
cs-la@panduit.com
Phone: 52.33.3777.6000

PANDUIT AUSTRALIA PTY. LTD.
Victoria, Australia
cs-aus@panduit.com
Phone: 61.3.9794.9020

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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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