Change connector
gender and polarity
in the field.

PanMPO™ Connectors:
See How Easy Change Can Be

Introducing the PanMPO™ Connector, Panduit's revolutionary MPO connector that protects your fiber infrastructure investment and improves operational efficiency to save time and money.
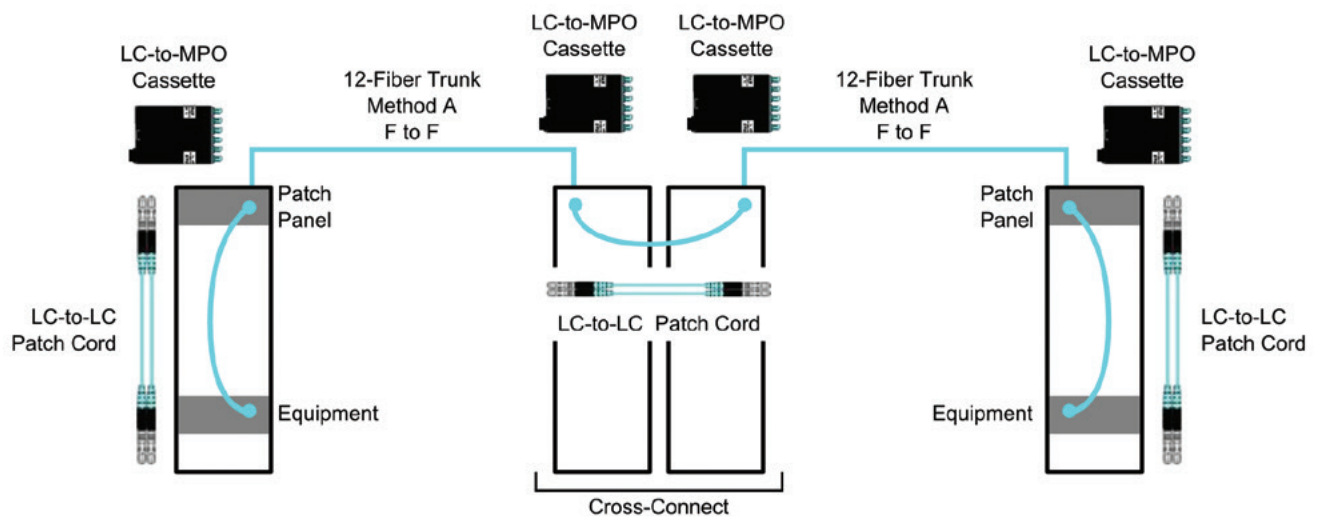
Change polarity and gender on your fiber cable assemblies on the fly with the PanMPO™ Connector. This unique, patented connector helps ease the migration from 10G Ethernet to 40G Ethernet, while keeping the installation in compliance.

- Easily convert between male and female gender, and between key-up and key-down polarity for a standards-compliant 10G or 40G/100G Ethernet installation

- Connector changes are made in the field, as needed

- Always have the right cable assembly on hand

- Available on trunks, harnesses, interconnects, and reference cords
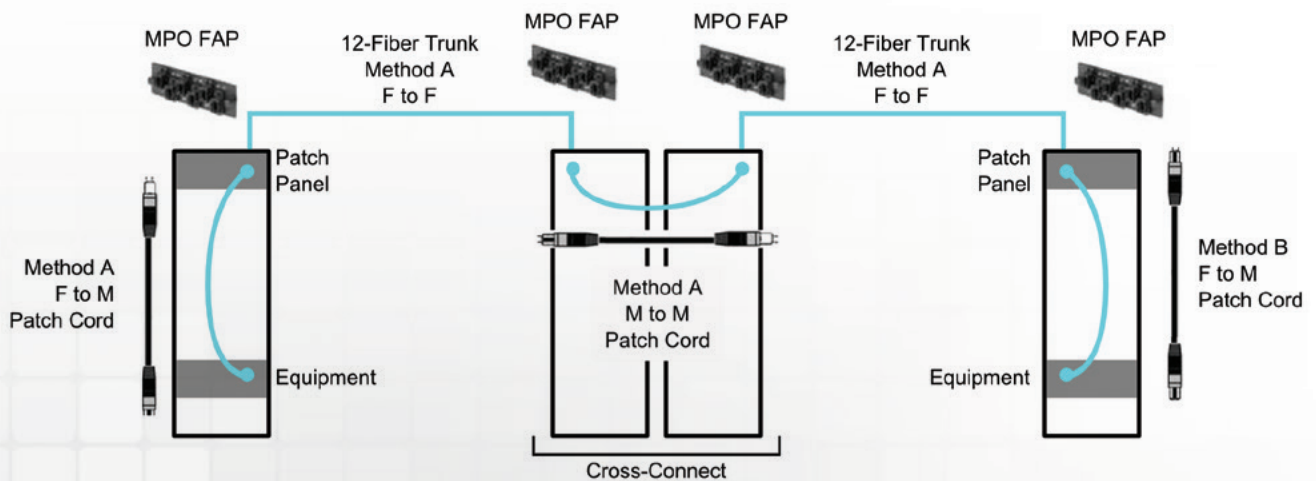
PANDUIT®

Existing Installations

In an existing 10G Ethernet fiber infrastructure, LC to MPO cassettes are replaced with MPO adapter panels and LC to LC patch cords are replaced with MPO patch cords during migration to 40G Ethernet. In this example, three different types of patch cords are required for the migration: Method A/Female to Male, Method A/Male to Male, and Method B/Female to Male. Using patch cords terminated with PanMPO™ Connectors, only one type of patch cord needs to be purchased and stocked, and can be configured on the fly to replace any of the three needed patch cords.
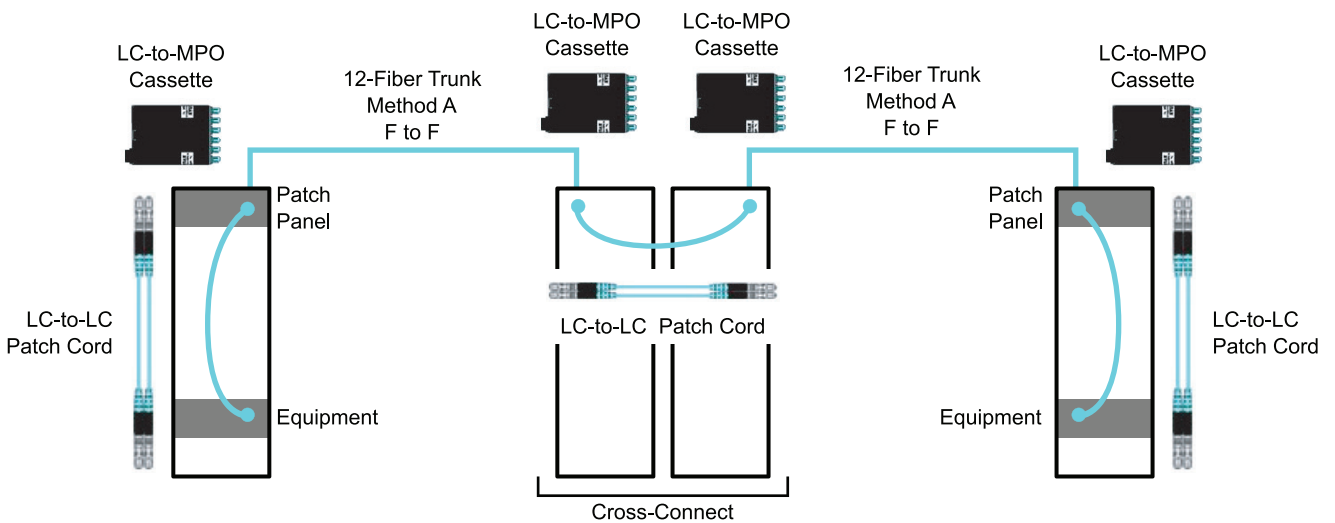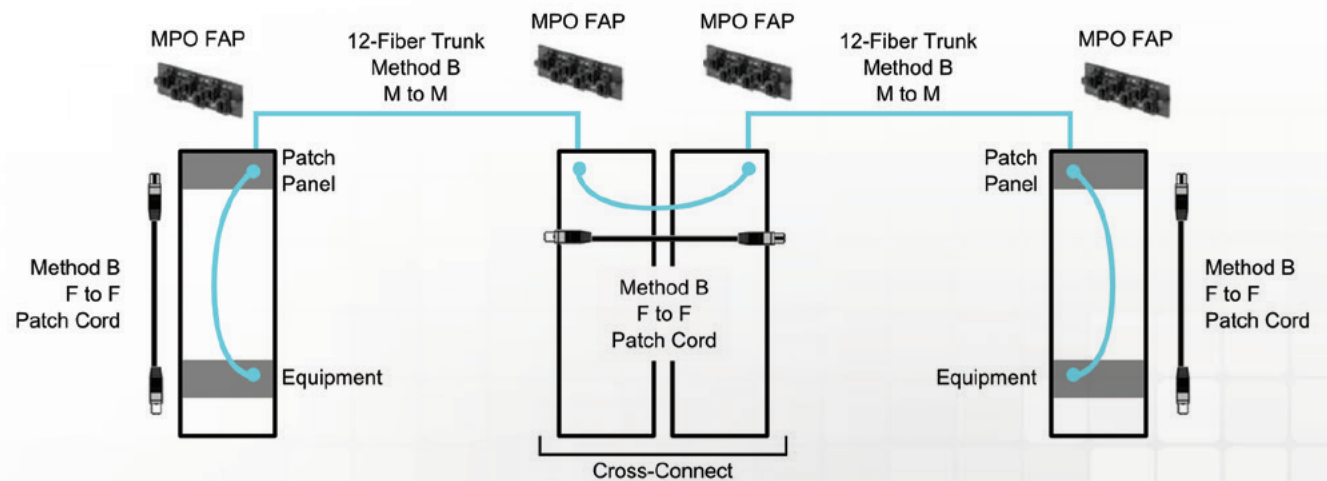
10G Ethernet

40G Ethernet

NEW Installation

Using PanMPO™ connectivity in new installations, a Method A fiber backbone with female connectors can be deployed for 10G operation. To migrate these channels to 40G, the PanMPO™ Connector changes from Method A to the preferred Method B polarity with male connectors in the backbone. This results in only one style of MPO cord for either equipment or patch connections. The PanMPO™ Connector is the only product that changes polarity and gender in the field, preserving your infrastructure investment.

10G Ethernet

LC-to-MPO Cassette

LC-to-MPO Cassette

LC-to-MPO Cassette

LC-to-MPO Cassette

12-Fiber Trunk Method A F to F

12-Fiber Trunk Method A F to F

Patch Panel

Patch Panel

LC-to-LC Patch Cord

LC-to-LC Patch Cord

LC-to-LC Patch Cord

Equipment

Equipment

Cross-Connect

40G Ethernet

MPO FAP

MPO FAP

MPO FAP

MPO FAP

12-Fiber Trunk Method B M to M

12-Fiber Trunk Method B M to M

Patch Panel

Patch Panel

Method B F to F Patch Cord

Method B F to F Patch Cord

Method B F to F Patch Cord

Equipment

Equipment

Cross-Connect

Always have the correct cord on hand: One fiber cable assembly with the PanMPO™ Connector replaces six standard assemblies!

Cable assemblies terminated with the PanMPO™ Connector eliminate inventory, stocking and ordering confusion. The PanMPO™ can be used in any MPO-based infrastructure with trunk assemblies, interconnect cords and MPO patch cords, with one style of cord replacing six.

Male/Up to Male/Up

Male/Up to Male/Down

Female/Up to Male/Up

Female/Up to Female/Up

Female/Up to Male/Down

Female/Up to Female/Down

Achieve the most accurate link test measurements with any test equipment. Whether test equipment has a male or female interface, the PanMPO™ Connector can be configured to fit, without introducing a third test cord. This eliminates an added layer of variability, reduces errors and improves accuracy.

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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