Modular Interface Panel
Model MIP-4SC-FOC

OVERVIEW

The MIP-4SC-FOC Modular Interface Panel provides four Keystone slots with FOC-compliant SC couplers for installation in an Enginuity SIPP chassis. The module offers convenient connectivity for fiber services in cabinets, huts, or on customer premises.

• Contains four pre-installed SC snap-in couplers

• Reconfigurable for a variety of fiber interfaces

• Easy installation in an Enginuity SIPP chassis

APPLICATION

The MIP-4SC-FOC module can be installed in conjunction with Service Protection Modules in an Enginuity SIPP chassis, allowing fiber services and surge-protected copper services to be delivered from a single handoff point.

WARNING

To avoid possible electric shock or personal injury, do not install, troubleshoot, or conduct maintenance on the SIPP chassis or associated modules during lightning or thunderstorm activity.

INSTALLATION

Snap-in Couplers

The pre-installed SC couplers in the MIP-4SC-FOC are user replaceable. Each Keystone slot supports couplers with alternative connectors as well.

NOTE: Couplers are installed or removed from the rear of the MIP-4SC-FOC with the module removed from the SIPP chassis.

Each coupler is held in place by angled tabs along the top and bottom of the coupler body. To install a coupler, tilt it back slightly while inserting it though the rectangular opening, until the lower tab clears the front of the panel. Then apply pressure to the upper tab and tilt the coupler body forward until it snaps in place.

To remove a coupler from the module, apply pressure to the upper tab while tilting the coupler body backward. After the upper tab is freed, the coupler can be lifted and removed from the opening.
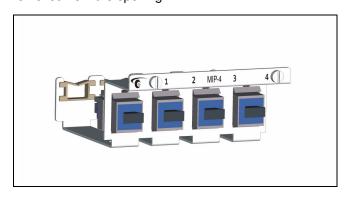

Figure 1. MIP-4SC-FOC

MIP-4SC-FOC Installation/Connection

The MIP-4SC-FOC module occupies four slots in an Enginuity SIPP chassis.

Before installing the MIP-4SC-FOC, feed network cables through the SIPP chassis, from back to front, and connect them to the rear of the module's couplers. Then insert the module through the front the chassis and slide it back slowly through the card guides. After fully seating the module, tighten the screws on the front of the unit to ensure proper grounding of its front panel to the chassis frame.

Connections can now be made to the front of the installed couplers.

MIP-4SC-FOC Removal

To remove the MIP-4SC-FOC module, first disconnect cables from the front of each coupler. Then loosen the screws on the module's front panel and slowly slide the unit forward out of the chassis, being careful to guide any cables connected to the rear. Cables can then be disconnected from the rear of each coupler.

TESTING AND TROUBLESHOOTING

> **IMPORTANT**
>
> Follow all instructions and safety warnings in the installation section of this publication when testing or troubleshooting this equipment.

A test set can be connected to the front or rear connectors to isolate and verify performance of attached cables and equipment. To test toward far end equipment, connect test equipment to rear of the coupler. To test toward network side equipment, connect to the front of the coupler.

CUSTOMER SERVICE

If technical or customer assistance is required, please contact Enginuity at the following address or phone number:

> Enginuity Communications
> 3545 Stern Avenue
> St. Charles, Illinois 60174
> Toll Free: 1-800-980-3266
> Voice: (630) 444-0778
> www.enginuitycom.com

WARRANTY & REPAIRS

Warranty

Enginuity warrants this product for ten (10) years from date of purchase.

The warranty does not cover any losses or damages resulting from shipment, improper installation, abuse, modification, or repair by other than Enginuity personnel.

Repair and Return

Enginuity equipment will be repaired or replaced without cost during the warranty period if the product is defective for any reason other than abuse, improper use, or improper installation. Before returning defective equipment, first request a Return Material Authorization (RMA) number from Enginuity. Once an RMA number is obtained, return the unit, freight prepaid, along with a brief description of the problem, to:

> Enginuity Communications
> 3545 Stern Avenue
> St. Charles, Illinois 60174
> ATTN: Repair & Return Dept.

Replacements will be shipped in the fastest manner consistent with the urgency of the situation. Repair or replacement of faulty equipment beyond the warranty period is available for a nominal charge. Contact Enginuity for details.

SPECIFICATIONS

CHASSIS SLOTS	DIMENSIONS	WEIGHT
4	1.7" H x 3.6"W x 3.9"D	~ 3 ounces

ORDERING INFORMATION

MODEL	DESCRIPTION
MIP-4SC-FOC	Coupler panel with (4) FOC-compliant SC fiber couplers installed

A variety of individual couplers are available from Enginuity.
Please contact a sales associate for details.