

TR-FML-E3/TR-FSL-E3

Fiber Loop Modules

GENERAL

The TRIGA, TR-FML-E3 (Fiber-Optic Multi-Mode) and TR-FSL-E3 (Fiber-Optic Single-Mode) are plug-in fiber loop modules used for fiber-optic networking with the TR-RPT-E3-UTP (Network Repeater). The two types of fiber option modules are used as one channel to transmit or receive communications with the TR-RPT-E3-UTP (Network Repeater) and/or the TR-INI-VG Series voice gateway for the ARCNET communication circuit of the GEN2 Series® System.

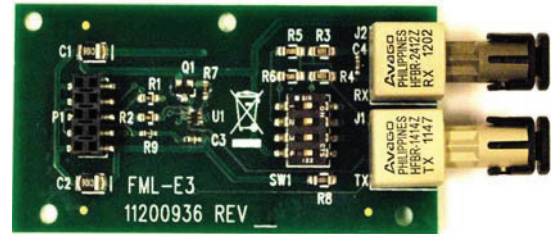
The following describe the two types of fiber option modules.

- The TR-FML-E3 is a fiber module that allows the multi-mode fiber to network between nodes. It features the ST style connectors with a maximum attenuation of 8db with 62.5/125 micrometer cable.
- The TR-FSL-E3 is a fiber module that allows the single-mode fiber to network between nodes. It features the LC style connectors with a maximum attenuation of 30db with 9/125 micrometer cable.

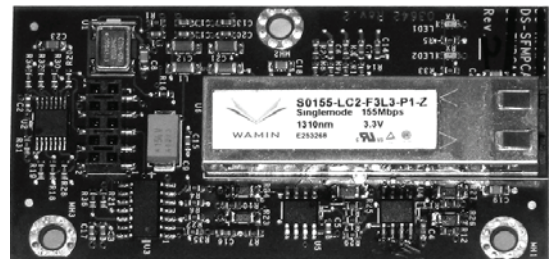
Each fiber loop module can Transmit (TX) or Receive (RX) across the fiber-optic cable connected to a supporting GEN2 Series component. Up to two fiber loop cards can be added to each supporting GEN2 Series component, and both cards may be combined in the same configuration.

INSTALLATION

The TR-FML-E3/TR-FSL-E3 modules are designed as a plug-in card that can be secured to the designated mounting pattern on the TR-RPT-E3-UTP circuit board.



TR-FML-E3



TR-FSL-E3



FEATURES & BENEFITS

- Listed per ANSI/UL® Standard 864
- TR-FML-E3 features STstyle connectors with a maximum attenuation of 8 dB with 62.5/125 micrometer cable
- TR-FSL-E3 features LCstyle connectors with a maximum attenuation of 30db with 9/125 micrometer cable
- Provides a simple, plugin card installation
- Offers the option to combine single and multi-mode modules on the same network card

Note: Specifications are subject to change without notice.



Technical Specifications

SPECIFICATIONS

TR-FML-E3

Type of Connector: Type ST

Maximum Attenuation: 8 dB for multi-mode with
62.5/125 micrometer cable @ 200 μ m.

Standby Current: 0.053 A

Alarm Current: 0.053 A

TR-FSL-E3

Type of Connector: Type LC

Maximum Attenuation: 30 dB for multi-mode with 9/125
micrometer cable @ 1,310 nm.

Standby Current: 0.079 A

Alarm Current: 0.079 A

Operating Temperature: 32° to 120° F (0° to 49° C)

Relative Humidity: 0 to 93%, non-condensing at 90° F (32° C)

STANDARDS

The TR-FML-E3/TR-FSL-E3 are designed to comply with the
following standard:

UL Standard: UL864

COMPATIBLE GEN2 SERIES COMPONENTS:

TR-RPT-E3-UTP: Network Repeater

TR-INI-VG Series: GEN2 Voice Gateway Series

ORDERING INFORMATION

TR-FML-E3: Fiber Loop Module - Multi-mode fiber, single TX or RX
channel for RPT-E3-UTP

TR-FSL-E3: Fiber Loop Module - Single-mode fiber, single TX or RX
channel for RPT-E3-UTP

TR-RPT-E3-UTP: Network Repeater, unshielded twisted-pair for GEN2

TR-INI-VGC: Command Center Voice Gateway

TR-INI-VGX: Transponder Voice Gateway

AGENCY LISTINGS AND APPROVALS

For exact certification listings for each model,
please reference the respective agency website.

UL listed

TRIGA INVESTMENTS, LLC
340 Taxiway Bravo Beeville, TX 78102,
Tel: +1330-577-5199. Email: info@trigaglobal.com

Note: Specifications are subject to change without notice.