

SFP3M

P/N 1184543P3
CLEI: S00TAE1J_ _



DESCRIPTION

The OC-3 Tributary Small Form-Factor Multi-Mode Pluggable (SFP3M) plugs into ADTRAN OC-3 modules designed to accept Small Form-Factor pluggables. Installed into an appropriate host module, the SFP3M provides an OC-3 tributary interface to the supporting system. The SFP3M retimes and maps up to three STS-1s or one STS-3c from the OC-3 interface to the high-speed Optical Multiplexer Modules.

The following features are supported on the SFP3M:

- ◆ SONET OC-3 (155.52 Mb/s) 1310 nm, multi-mode, 2-fiber operation
- ◆ Digital diagnostics via the menus of the host module

CONNECTIONS

Currently, the SFP3M is supported by the:

- ◆ OPTI-6100 OC-3 Tributary Module, Enhanced (O3TME; P/N 1184543L4)

TURN-UP STEPS

To install the SFP3M into an appropriate module, perform the following steps:

1. Inspect the SFP3M for damage. If damaged, file a claim with the carrier and then contact ADTRAN® Customer Service.
2. Remove the black safety cap from the optical connectors of the SFP3M.
3. Pull the metal latch on the SFP3M into the open (down) position.
4. Insert the SFP3M into the receptacle on the circuit board of the host module, with the manufacturer's label facing outward. Slide the SFP3M all the way into the receptacle.
5. Pull the metal latch into the closed (up) position.
6. Using thumb and forefinger, firmly squeeze the receptacle and SFP3M together, to ensure a proper connection.
7. Continue installation and turn-up of the host module using the instructions in the Job Aid or Practice provided with that module.

PROVISIONING

The SFP3M is not directly provisionable. It is provisioned via the menu system of the host module. Refer to the *Provisioning* section of the Job Aid or Practice provided with that module for provisioning details.

OPERATIONAL SPECIFICATIONS

- ◆ Operates over extended temperature range of -40°C to $+65^{\circ}\text{C}$;
Relative humidity to 95%, noncondensing
- ◆ Storage temperature range of -40°C to $+100^{\circ}\text{C}$
- ◆ Optical transmit level: -23 dBm to -14 dBm
- ◆ Optical receive level: -31 dBm to -14 dBm
- ◆ Optical budget: 8 dB
- ◆ Optical connectors: LC

COMPLIANCE

The OC-3 Tributary Small Form-Factor Multi-Mode Pluggable complies with:

- ◆ SFP MSA
- ◆ SFF-8472 Rev 9.3
- ◆ ITU-T G.957 and G.958
- ◆ Telcordia GR-253-CORE
- ◆ FCC 47 CFR Part 15, Class B
- ◆ FDA 21 CFR 1040.10 and 1040.11, Class I

This product is a Class 1 Laser Product and complies with US FDA regulations. This product is certified by TÜV and CSA to meet the Class 1 eye safety requirements of EN (IEC) 60825 and the electrical safety requirements of EN (IEC) 60950.

This device complies with Part 15 of the FCC rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Changes or modifications not expressly approved by ADTRAN could void the user's authority to operate this equipment.



Warranty: ADTRAN will replace or repair this product within the warranty period if it does not meet its published specifications or fails while in service. Warranty information can be found online at www.adtran.com/warranty.