

IEEE C37.94™ Module

SSMTT-45

Data Sheet

The IEEE C37.94 Module is part of a family of Plug-In Modules for the SunSet MTT test set.



IEEE Standard C37.94™-2002 defines an Nx64 kbit/s multimode optical fiber interface between teleprotection and digital multiplexer equipment, up to 2 km. The IEEE C37.94 test module for the SunSet MTT is designed to assist technicians in turning up a new network or in isolating problems on both sides (teleprotection and multiplexer) of the network.

SPECIFICATIONS

Optical Connector type: ST®
 Test Rate: N x 64 kbit/s, N = 1 to 12
 Test Patterns: PRBS, Fixed
 Error Injection
 Clock Source
 Internal
 Received
 Transmitter
 Wavelength: 830 ± 40 nm multimode
 Receiver
 Operating range: -32 dBm to -11 dBm

Measurements

Error count and Error rate
 ITU-T G.821 Analysis
 Alarm
 Frequency Measurement
 View Received Data
 Propagation Delay
 Optical Power Measurement

General

Module Size (WxLxH): 5.0 x 3.5 x 0.9 in (12.6 x 9 x 2.2 cm)
 Operating Temperature: 32° to 122°F (0° to 50°C)
 Storage Temperature: -4° to 158°F (-20° to 70°C)
 Humidity: 5% to 85% noncondensing

ORDERING INFORMATION

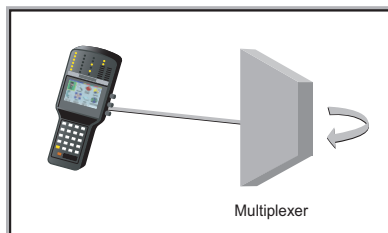
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KEY FEATURES

- Conduct BERT measurements and alarm monitoring
- Test network performance through propagation delay
- Verify optical power level

APPLICATIONS

Installation and Out-of-Service Testing (Multiplexer)



Installation and Out-of-Service Testing (Teleprotection Equipment)

