

KEYSIGHT TECHNOLOGIES (AGILENT HP)

E4480A (156MTS)

The Keysight (formerly Agilent / HP / Cerjac) E4480A, also known as the 156MTS, is a portable SONET maintenance test set designed for field applications. The base unit provides STS-1 digital transmission testing with full receive and transmit capabilities, including DS3 payload drop and insert. It is highly configurable with optional interfaces for OC-1, OC-3, OC-12, as well as DS3, DS1, and E1 ports to support comprehensive SONET and T-carrier network maintenance.

SPECIFICATIONS

Supported Protocols & Rates

SONET Line Rates	STS-1 (Base unit); OC-1, OC-3, OC-12 (Configuration dependent / Optional)
PDH/T-Carrier Rates	DS3 (Base unit drop/insert, Optional port); DS1, E1 (Configuration dependent / Optional ports)
Supported Mappings	DS3 payload drop and insert (STS-1 base unit)

Transmitter Specifications

Transmitter Capabilities	Full transmit function at STS-1 (Base unit)
--------------------------	---

Receiver Specifications

Receiver Capabilities	Full receive function at STS-1 (Base unit)
-----------------------	--

Physical & Power

Form Factor	Portable field test set
-------------	-------------------------

TECHNOLOGY

SONET / T-Carrier

APPLICATIONS

SONET and T-carrier network field maintenance and digital transmission testing

Generated by SpecAtlasHub (specatlashub.com). Specifications are compiled from available sources and are subject to change — verify critical values against the manufacturer before purchase.