



TIA-1200 O/E Converter Optical Oscilloscope Probe

Benefits:

- Wavelength Response 1µm - 1.6µm
- Active Area Diameter 50µm
- Battery Operation for Electrical Isolation
- Bandwidth to 6 GHz, Minimum 5 GHz(-3dBm)
- SMA Output Electrical Connector
- FC Style Fiber Optic Input Connector

The TIA-1200 is an instrument for the laboratory or for field use. This unamplified optical-electrical converter can be used with a wide range of oscilloscopes and digitizers to provide the utility of a convenient, easy to use fiber optic probe. Energizing the unit, the optical signal presented to it is faithfully reproduced on the CRT of the oscilloscope or digitizer.

Applications for this instrument include: checking the output of fiber optic communication links, data links, fiber optic computer networks, the operation of laser sources, and the signal from an optical transmitter. Patch cords with various style fiber optic connectors can expand the utility of the instrument.

Specifications

Battery/line operation —(500 hr battery operation)
 9 Volt Lithium Battery
 Bandwidth: — — — — 6 GHz (typical) 5Ghz (min)
 Output Connector: — — — — — SMA
 Fiber Optic Input Connector: — — — — — FC
 Peak Responsivity Values: — — — — — 0.7A/W
 Operating Temperature: — — — — — -40/+85 C

Terahertz Technologies Inc.
169 Clear Road
Oriskany, New York 13424 USA
(315) 736-3642 Fax (315) 736-4078
www.borg.com/~tti/ Email: tti@borg.com