

Fiber Optic Test Kit

Model FOT710

Introduction

The FOT710 Fiber Optic Test Kit is a complete low cost solution for fiber optic installation testing and troubleshooting. The kit is specially designed to cover all aspects for measuring losses in 850nm and 1300nm wavelength multi-mode fiber LANs. Complete with a fiber optic power meter, light source, one set of ST connector adapters, cleaning pads, and a visual fiber tracer, all in a rugged carrying case the FOT710 is ideal for on the site use. A full manual and instructional videocassette are included with each kit.



Description

The power meter provided with FOT710 comes with a germanium detector that allows for the broadest range of measurement in multimode fiber. The power meter measures in dBm and can be used to measure source power output, receiver power levels, and with a test source, the loss of fiber optic cables or other components. All calibration is traceable to NIST (National Institute of Standards and Technology) standards at specified wavelengths. The mini LED source unit supplied with the FOT710 provides 850 and 1300nm wavelengths. A convenient optical loss calculator provides quick results to loss calculations.

Specifications

Power Meter		Source	
Detector Type	Germanium	Type	LED
Calibration Wavelengths	850nm, 1300nm, 1550nm	Wavelengths	850nm and 1300nm
Range	+3 to -55dBm	Fiber Type	Multimode
Resolution	0.1dB	Connector	ST
Accuracy	0.2dB (NIST traceable)	Output Power Max	-20dBm
Controls	ON/OFF, Wavelength selection (850nm, 1300nm, 1550nm)	Output Power	adjustable trimpot (adjustable over a 10dB range to -20dBm)
Unit Power	9V battery (120 hour life)	Controls	OFF/ Wavelength selection (850nm or 1300nm)
Dimensions	4.3" X 2.7" X 1.3"	Unit Power	Battery (4 hour life)
Weight	6 ounces	Dimensions	4.3" X 2.7" X 1.8"
Operating Temp.	0 to 50°C	Weight	6 ounces
		Operating Temp.	0 to 50°C

B&B Electronics -- October 1997

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