

optical power meter

T-339

Description

The T339 Optical Power Meter series includes models T339-01B, T339-02 and the T339C. All units are designed to measure optical power of LEDs or laser diodes and work with either singlemode or multimode fibers.

The test set is housed in a strong, lightweight metal case, built for long life under severe field operating conditions

Measurements are made by mating the system connector or fiber to be tested to the RECEIVE port of the T339 Optical Power Meter. Interfacing problems have been eliminated by the use of universal adapters. The adapters permit direct connection of a variety of the commonly used connectors of several manufacturers. Bare fiber adapters are also available.

The T339 Optical Power Meter is powered by two standard 9 volt batteries. An "Auto Off" feature extends the useful battery which is approximately 50 hours of continuous operation.

The T339 comes equipped with a cover designed to store additional adapter caps and a carry-strap.



Specifications:

	T339-01B		T-339-02	T-339C
Calibrated Wavelengths (nm)	850	1300, 1550	1310, 1550	
Power Range (dBm)	0 to -50	0 to -60	0 to -60	+20 to -40
Detector Type	Germanium		InGaAs	
Spectral Response (nm)	750 to 1800		900 to 1650	
Accuracy ^{1,2}	± 0.30 dB		± 0.20 dB	
Resolution	0.1dB			
Display	3 digit LCD			
Auto Shut Off	Yes			
Power	Two (2) 9V size batteries			
Battery Life	> 50 Hours continuous operation			
Operating Temperature	-10 to +40 °C			
Storage Temperature	-40 to +60 °C			
Humidity	10-90% non condensing			
Altitude (non-operating)	50,000 ft.			
Temperature Stability	TR-TSY-000198, Sec. 4.4.2			
Dimensions H x W x D	6.0" x 3.5" x 2.8" (152 x 89 x 71mm)			
Weight	1.10 lbs (500g)			
Warranty	1 year			

Note 1: Valid at 0 to -40dBm CW, (+20 to -20dBm for T-339C)

2: Variation in level can occur due to connector orientation and may exceed 0.5 dB with certain connectors. With high quality optical connectors, repeatability of ±0.2 dB or better can be expected.

Ordering Information:

Description	Part Number	CLEI Code
T-339-01B	30339036	TELWU701AA
T-339-02	30339022	TELWU901AA
T-339C	30339050	Pending

Optional Accessories

Description	Part Number	Description	Part Number
ST Adapter	30030792-01-1	Biconic Adapter (Dorran)	30030134-01-1
D4 Adapter	30030118-01-3	Biconic Adapter (Plastic)	30030135-01-1
FC Adapter	30030191-01-2	LC Adapter	30032052-01-5
SC Adapter	30031752-01-4		

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