

Triplex Power Meter

The LiComm TPM series is handheld, compact, light weight and multi functional optical power meter. The TPM series can be used general handheld optical power meter and specialized optical power meter for triplex PON (Passive Optical Networks) system in FTTH, FTTP and FTTC. The TPM series simultaneously measures powers of triple wavelengths (1310,1490,1550nm) using the function of signal pass-through between OLT and ONT in triplex PON system. The TPM provides the calibration of optical power at various wavelength, that is 850, 1310, 1490, 1550 and 1620nm. The TPM has the wide dynamic range, high accuracy and easy operation. It offers various function with the internal memory for data save and serial interface.



Features

- Easy operation
- Accuracy and reliability
- Selectable general mode and triplex mode
- Simultaneously measuring and displaying of 1310, 1490 and 1550nm in triplex mode
- Calibrated for 850, 1310, 1490, 1550, 1620nm
- Large user's memory
- Data interface

Applications

- Triplex PON system
- FTTH, FTTP and FTTC systems
- Storage Measurements data
- Connectorization
- Optical installation & maintenance
- Optical component reliability test
- System power & attenuation testing

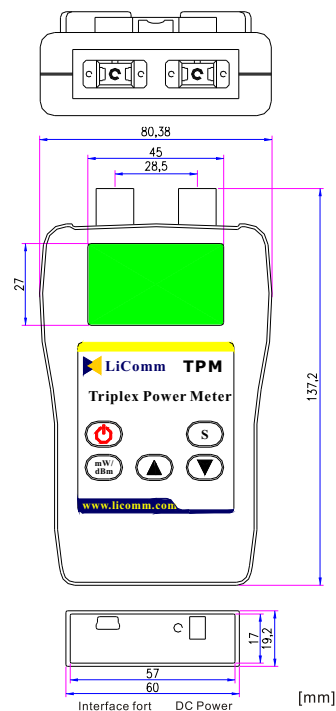
Optical Characteristics

Parameter		Typical value	Unit
Power measurement range	1310nm	-40 ~ +20	dBm
	1490nm	-40 ~ +20	dBm
	1550nm	-40 ~ +20	dBm
Pass through insertion loss		2.5	dB
Spectral passband wavelength	1310nm	1260~1360	nm
	1490nm	1483~1497	nm
	1550nm	1545 ~1565	nm
Accuracy		<0.5	dB
Calibrated wavelength		1310, 1490, 1550	nm
Optical connector type		SC/APC or FC/APC	
Data save number		500 sets	

Electrical & Environmental

Parameter	Typical value
Power supply	Dry batteries : 3 * AAA 1.5V NiMH cells : 3*AAA 1.2V
Operating time	Dry batteries : 50 hours NiMH cells : 45 hours
Auto power time	ON / OFF
Size	125 X 80 X 36.7 mm
Weight	200g

Mechanical Dimension



Standard accessories

- GUI(Graphic User Interface)
- AC-DC adapter
- Serial Interface Cable

Ordering Information

TPM - 5X₁X₂
 X₂: H(Handy), B(Bench Top)
 X₁: S(SC), F(FC)

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