

TF-2601 Series Insertion Loss/Return Loss Tester



Order Code

TF-2601 IL/RL Tester

Features:

- User self-calibration
- Simultaneous linear (mW) and non-linear (dBm) display
- Automatic frequency identification
- Automatic Wavelength Recognition
- Threshold setting
- Support USB connection with PC for data transfer
- Support Backlight Level 4
- Support FC/SC/ST interfaces

Maxwellon TF-2601 Series Insertion Loss/Return Loss Tester is used for measuring optical power, outputting stabilizing light source, testing insertion loss and return loss. It can be used to test insertion loss and splitting ratio of passive components, like optical splitter, circulator, coupler and optical switch.

Specifications

Parameters	Specifications	
Optical Power Meter Module		
Model	TF-2601A	TF-2601B
Power Range	-70 to +6dBm	-50 to +26dBm
Calibrated Wavelength	850/980/1300/1310/1490/1550/1625/1650nm	
Detector Type	InGaAs	
Resolution	Linear display: 0.1%, logarithmic display: 0.01dBm	
Linearity	±5%	
Connector	Universal 2.5mm adapter (FC/SC/ST)	
Frequency Detected	270Hz/330Hz/1000Hz/2000Hz	
Optical Light Source		
Wavelength	1310 ± 20nm / 1550 ± 20nm	
Emitter Type	FP-LD	
Output Power	≥ -1dBm	
Stability	± 0.05dB/30min	
Power Resolution	0~6dB, 1dB/Step	
Connector	FC/UPC	
Insertion Loss Tester		
Wavelength	1310/1550 ± 20nm	

Measuring Range	0~70dB
Accuracy	±0.3dB
Resolution	0.01dB
Connector	FC/APC
Return Loss Tester	
Wavelength	1310/1550±20nm
Measuring Range	0~70dB
Accuracy	±0.5dB
Resolution	0.01dB
Connector	FC/APC
VFL	
Wavelength	650±30nm
Output Power	≥10mW
Connector	FC/UPC
General Specifications	
Automatic Shutoff Time	10min
Continuous Working Time	≥12h
Data Storage	1000 traces
Power supply	3*AA dry batteries 2400mAh Rechargeable Lithium Battery (Options)
Backlight	Yes
Dimension	186×100×50mm
Net Weight	240g
Operating Temperature	-10 to +50℃
Storage Temperature	-40 to +70℃
Relative Humidity	0~95% (non-condensing)

Standard Package

Item	Name	Qty
1	Optical Insertion Loss/Return Loss Tester	1pc
2	User Manual	1pc
3	Quality Certificate	1pc
4	Li-ion Battery	1pc
5	Data Line	1pc

Ordering Information

Model	Description
TF-2601A	Insertion Loss/Return Loss Tester, Power Range: -70 to +6dBm; VFL:10mW; Light Source: 1310/1550nm
TF-2601B	Insertion Loss/Return Loss Tester, Power Range: -50 to +26dBm; VFL:10mW; Light Source: 1310/1550nm

Please visit **NEW** web site!

<http://www.maxwellon.com>

MAXWELLON ELECTRONIC INSTRUMENTS CO.,LTD.

NO.153 Zhuzhou Rd.,Laoshan District, Qingdao 266100, China.

Tel: 0086-532-80977508 Fax: 0086-532-80977508

E-mail: Sales@Maxwellon.com