

TFA

MINI OPTICAL POWER METER

WIDELY USED IN OPTICAL CABLE CON-
STRUCTION MAINTENANCE, OPTICAL
FIBER COMMUNICATION AND OTHER
FIELDS

OPTICAL
POWER METER



MULTIPLE UTILITY FUNCTIONS

MULTIPLE PRACTICAL FUNCTIONS



AUTOMATIC SHUTDOWN FUNCTION

AUTOMATIC SHUTDOWN IN 10 MINUTES



THE AUTOMATIC SHUTDOWN FUNCTION IS ENABLED BY DEFAULT UPON STARTUP. PRESS THE CHANGE KEY TO ENABLE OR DISABLE THE AUTOMATIC SHUTDOWN FUNCTION. THE ICON ON THE UPPER LEFT OF THE SCREEN WILL ENABLE OR DISABLE THE FUNCTION ACCORDINGLY



SC/FC/ST PORTS

SUPPORTS THREE INTERFACES



SUPPORT LIGHTING FUNCTION

LIGHTING AND BACKLIGHT SWITCH



KEY DESCRIPTION



① OPEN KEY

The automatic shutdown function is enabled by default (10min). Press the key to turn on or off the automatic function. The icon on the upper left of the screen will turn on or off accordingly. Long press the key to power off

② REF

Press the key to set the current optical power as the reference value and enter the mode of relative optical power test (insertion loss mode test). The second line of the display displays the reference value set, and the third line displays the relative power value (insertion loss dB).

③ LED

To turn on/off the lighting LED, press to turn on or off the LED lighting function

④ LIGHT

1. Turn on/off the backlight: Press to turn on the backlight function and press again to turn off the backlight

2. Turn on/off red light: long press to turn on red light -- then press 1HZ to flicker -- then press 2HZ to flicker -- then press again to turn off. When the red light is turned on in turn, the first line of the screen displays 650 words

⑤ dB

Press this key to realize relative power test (insertion loss test) or absolute power test. After entering relative power test mode, the insertion loss (dB) is displayed at the bottom of the screen, and the reference value is displayed in the second row of the screen. Hold down for 3 seconds to open the RJ45 test mode (network cable sequence test), and then the RJ45 is displayed in the third row. Press again to exit the RJ45 test mode

⑥ λ

Eight different test wavelength, optional
1310/1550/1490/1625/1650/850/1300/980 (dB) above at the same time, the screen shows the selected test wavelength

PRODUCT PARAMETER

WAVELENGTH RANGE (NM)	800-1700	800-1700
CONNECTOR	FC/SC/ST	FC/SC/ST
JOINT TYPE	InGaAs	InGaAs
POWER MEASUREMENT RANGE (dBm)	-70~+6	-50~+26
UNCERTAINTY	±5%	
STANDARD WAVELENGTH (NM)	850、980、1300、1310、1490、 1550、1625、1650	
DISPLAY RESOLUTION	LINEARITY: 0.1% LOGARITHM: 0.01DBM	
650NM RED LIGHT SOURCE (OPTIONAL)	1mw/10mw/20mw/30mw/50mw	
OPERATING TEMPERATURE (°C)	-10~+60	
STORAGE TEMPERATURE (°C)	-30~+70	
AUTOMATIC SHUTDOWN TIME (MIN)	10	
BATTERY DURATION (H)	≥72	
INSTRUMENT SIZE	112*66*30	
POWER SUPPLY	TWO AAA BATTERIES/RECHARGEABLE LITHIUM BATTERIES (OPTIONAL)	
NET WEIGHT OF INSTRUMENT (g)	140/150	

PRODUCT DISPLAY



PRODUCT CONFIGURATION



DRY BATTERY



RECHARGEABLE LITHIUM BATTERY







1310 nm 
Lo
-70.00 dBm

1 2 3 4 5 6 7 8
[Power] [REF] [LED]
[LIGHT] [dB] [λ]

Optical Multi-meter

