



Optical Power Meter Kit (-50 to +26dBm) + Light Source (850/1300/1310/1550/1625nm) INT-ZES-TC-17



link to the product:

<https://intersell.pl/gb/844-set-optical-power-meter-50-to-26dbm-light-center-850-1300-1310-1550-1625nm-int-zes-tc-17-5907813981760.html>

Manufacturer: InterOpto

Referention number: IO-ZES-TC-17



Full product description

Optical power meter + Light source set has been designed to measure losses in single- and multimode fiber networks.

The Optical Power Meter offers fast and accurate test solutions for both singlemode and multimode fiber. It is characterized by great functionality, it also has many useful functions for the operator, e.g. Automatic Wavelength identification and switching (automatic wavelength recognition), Intelligent Backlight Control (automatic backlight adjustment).

The design of the device has also been carefully thought out. The aesthetic appearance has been combined with pleasant-to-touch materials, which guarantees the operator's comfort of work.

The optical light source provides 2 to 5 wavelengths of output (out of 850/1300/1310/1490/1550 / 1625nm). Other wavelengths can be added depending on customer requirements and expectations.

Combined with an optical power meter, it is a great solution for testing fiber optic networks.

Features

- Automatic shutdown of the device,
- LCD display with backlight,
- Self-calibration function (user),
- SC, ST, FC connectors included
- High measurement accuracy and display resolution,
- Powered by AA batteries.



Optical power meter specification

Technical parameters	
Model	INT-TC-55B
Measurement range [dBm]	-50 to +26
Detection zone [mm]	Ø0.3
Inaccuracy [dB]	± 0.15 (3.5%)
Linearity [dB]	± 0.02
Calibrated wavelength [nm]	850/1300/1310/1490/1550/1625
Display resolution [dB]	0.01
Frequency identification [Hz]	270, 1k, 2k
Optical interface	SC / FC / ST
Type of detector	InGaAs
General parameters	
Dimensions [mm]	200 x 90 x 50
Weight [g]	285
Power	Alkaline battery (3x AA 1.5V)
Battery operation time [h]	200
Communication	USB
Memory capacity	1000 results
Working conditions	Ambient temperature: -10 to 60 [° C] Relative humidity: 0 to 95% (non-condensing)
The storage conditions	Ambient temperature: -25 to 70 [° C] Relative humidity: 0 to 95% (non-condensing)

Light Source Specification

Technical parameters	
Model	INT-TC-65G
Light length [nm]	850/1300/1310/1550/1625
Fibers	Singlemode, multimode
Laser type	FP-LD (others available on special order)
Maximum output power [dBm]	-7 (others available on special order)
Power stability [dB]	± 0.05 (15 min, 20 degrees C) ± 0.1 (5h, 20st C)
Modulation [Hz]	CW, 270, 1k, 2k
Optical interface	FC, ST, SC
General parameters	

Dimensions [mm]	160 x 76 x 28
Weight [g]	220
Power	Alkaline battery (AAA)
Battery operation time [h]	15
Working conditions	Ambient temperature: -10 to 60 [° C] Relative humidity: 0 to 95% (non-condensing)
The storage conditions	Ambient temperature: -25 to 70 [° C] Relative humidity: 0 to 95% (non-condensing)

Order

Standard equipment

- INT-TC-55 Optical power meter,
- INT-TC-65 Light source,
- Transport bag,
- SC / FC / ST adapters for INT-TC-55,
- SC / FC / ST adapters for INT-TC-65,
- User manual for INT-TC-55 and INT-TC-65.

