

Tempo SM T PON KIT Singlemode Kit TELCO PON (OPM510 & SLS530)

Product Images

Product Code: C00-4130



Short Description

Tempo SM T PON KIT Singlemode Kit TELCO PON optical loss set comprising OPM510 Optical Power

Meter & SLS530 Stabilised Light Source

OPM510 Optical Power Meter

Durable and compact, the OPM510 interfaces with all industry standard connectors.

Features

- InGaAs detector for maximum sensitivity
- Filtered InGaAs for measuring high powered optical signals
- Singlemode and multimode measurements
- Calibrated wavelengths of 850nm, 1300nm, 1310nm, 1490nm, 1550nm and 1625nm
- 270Hz, 1kHz and 2kHz tone
- Each optical power meter is supplied with one SC/PC adapter.

Specifications

Cal. Wavelength 850, 1300, 1310, 1490, 1550, 1625nm

Measure range -65 ~ +10(1) dBm

Detector type InGaAs

Accuracy ± 0.25 dB(± 0.5 dB@850nm)

Linearity ± 0.5 dB (+10 to -3dBm) ± 0.1 dB (-3 to -50dBm) ± 0.5 dB (-50 to -65dBm)

Resolution 0.01dB

Functions μ W/dBm/dB(REF) / MOD tone detection 270Hz, 1kHz, 2kHz

Connector Type SC (Interchangeable LC, ST, FC)

Fiber Type Singlemode & Multimode

Battery Life > 100 Hours

Power Supply 9V Alkaline or 1000mAh Lithium Battery/ 9V AC adapter

Operating Temperature -10°C ~ 50°C

Storage Temperature -20°C ~70°C

Relative Humidity 0 to 95% (Non-Condensing)

Weight 0.68lbs (300g)

Dimensions (H x W x T) 6.1 x 3.5 x 1.3" (155 x 88 x 33mm)

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IP Rating IP54

Vibration 5Hz to 150Hz, Amplitude+0.15mm

Shock Peak acceleration 25g at a pulse duration of 6ms

Compliance CE, FCC

SLS530 Triple Wavelength Laser Source 1310/1490/1550

Durable and compact, the SLS530 Stabilised Light Source will interface with all industry standard connectors.

Features

- 270Hz, 1kHz and 2kHz tone
- PC flat polish interface
- Each source is supplied with one SC/PC adapter for each bulkhead.

Specifications

Centre Wavelength 1310/1490/1550nm

Fibre Type Singlemode

Emitter Type FP

Spectrum Width ≤ 5 nm

Output Power (Max/Min) ≤ 0 dBm/-1dBm

Output Power Stability ± 0.05 dB/15min; ± 0.10 dB/8hr

Modulation Frequency 270, 1kHz, 2kHz

Display LCD

Battery Life 60 Hours

Connector Type SC/PC (Interchangeable LC ,ST, FC)

Power Supply 9V Alkaline or 1000mAh Lithium Battery/ 9V AC adapter

Operating Temperature -10°C to 50°C

Storage Temperature -20°C to 70°C

Relative Humidity 0 to 95% (non-condensing)

Weight 0.71 lbs (300g)

Dimensions (H×W×T) 6.1 × 3.5 × 1.3" (155 × 89 × 33mm)

IP Rating IP54

Vibration 5Hz to 150Hz, Amplitude = 0.15mm

Shock Peak acceleration 25g at a pulse duration of 6ms

Compliance CE, FCC, 21 CFR 1040.10 (Laser)

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Fiber Type Singlemode & Multimode

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