

TP40 FiberSeek



FTTx PON Power Meter

Testing in the FTTx environment just got easier with Yamasaki's latest piece of PON Test Equipment, the TP40 **FiberSeek** FTTx PON Power Meter.

The TP40 includes FTTH PON Testing, 6 Wavelength Optical Power Meter & Visible Fault Identifier all in one unit. This rugged hand held unit includes a removable rubberized boot; bright backlit LCD; auto shut off function; wide measurement range; upstream burst mode; accurate testing and bright flashing VFI.

For Fiber to the Home (FTTH)

Using signal pass through for minimal disruption to customers The Yamasaki TP40 PON Fiber Optic Power Meter simultaneously measures 1310,1490,1550nm with 1310nm wavelength upstream burst mode for communication with the ONT.

LED Pass / Fail / Warning indicators allow for instant assessment of power values. The USB port in the top of the TP40 allows for downloading, saving, printing of results, pass/fail threshold modification and self calibration, using the included PC software and USB cable.

Optical Power Meter (OPM)

Six calibration wavelengths 850,1300,1310,1490,1550&1625nm

Measurement Accuracy

Uncertainty(dB)	+/- 0.25
Linearity(dB)	+/- 0.1
Measurement Range(dBm)	-70°+6 or -50~+26

General Information

Measurement Unit	dB/dBm
Resolution (dB)	0.01
Calibration Wavelength(nm)	850,1300,1310,1490,1550,1625
Detector Type	InGaAs
Optical Connector	FC/SC/ST Interchangeable
Fiber Type	9/125um
Working Hours (hr)	100 without backlight

Visible Fault Identifier (VFI)

650nm flash or continuous wave

Output Power(mW)	1mw
Wavelength(nm)	650nm (CW or Flashing)

PON Power Meter

1310 upstream measurement

Spectral passband (nm)	1260~1360
Isolation@1490/1550(dB)	>40
Measurement Range(dBm)	-40°+10

1490 downstream measurement

Spectral passband (nm)	1470~1505
Isolation @ 1550nm(dB)	>30
Isolation@ 1310nm(dB)	>40
Measurement Range(dBm)	-40°+12

1550 downstream measurement

Spectral passband (nm)	1535~1570
Isolation at 1490nm(dB)	>40
Isolation at 1310nm(dB)	>40
Measurement Range(dBm)	-40°+25

Measurement Accuracy

Uncertainty(dB)	+/- 0.5
Linearity(dB)	+/- 0.1
Passing through insertion Loss (dB)	<1.5

General Information

Detector Type	InGaAs
Optical Connector	Interchangeable FC/SC/ST
Fiber Type	9/125um
Display	128*64mm
Measurement Unit	dB/dBm/xW
Resolution (dB)	0.01
Operation Voltage(V)	DC 3.3~5.5V
Power Supply	3 AA1.5V battery
Working Hours (hr)	90 without backlight
Operation Temperature(□°C)	-10°60
Storage temperature(□°C)	-25°70
Weight(kg)	500g

Note. Some Yamasaki fiber optic laser products can cause eye damage if used incorrectly. Please consult your instruction manual and store away from children. Specifications and descriptions are subject to change without prior notice.

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