

## Provides all the features required to troubleshoot any type of fibre optic cabling.

Fiber Optic Power Meter

dB/Ca

FiberMASTER 33-927

dBm



### FiberMASTER<sup>™</sup> MM/SM Fiber Optic Test Kit

Measure fibre optic power in milliwatts (mW) and decibel-milliwatts (dBm) to test and troubleshoot active LANs.

Quickly measure cabling loss with the automatic calibration feature that stores reference power from any light source for quick dB loss calculations.

Plus, the 1490nm wavelength measurement mode is perfect for troubleshooting emerging Fibre To The Home cabling systems.

#### **Key Features**

- 850, 1300, 1310, 1490 and 1550 wavelength measurement capability on power meter
- 850, 1300, 1310, 1550nm laser light source (33-931 kit)
- Power measurement in dBm and µW, loss display in dB
- Includes universal adaptor for power meter and ST, SC and FC adaptors for light source
- Unique "docking" light source and easy three button operation make this the perfect fibre tester for use in the field

For more information please call 973-957-7700 or visit www.trend-networks.com

Multi-Mode/Single Mode Light Source

# FiberMASTER<sup>™</sup> MM/SM

## Fiber Optic Test Kit

The TREND **FiberMASTER™** fibre optic testing kit allows the user to measure absolute power and calculate the loss of fibre optic links at several wavelengths.

Absolute power measurements are helpful when trouble shooting equipment that may not be operating properly.

The dB calibration feature allows the operator to set a reference level to the light source and directly read the loss of fibre optic links without needing to manually calculate the values.

The unique form factor allows the light source to be docked neatly within the power meter.

This makes the kit compact for easy storage while still allowing full operation of both the source and meter.

- **33-929** Light source, 850, 1300, 1310, 1550 laser light source with ST, SC and FC adaptors
- **33-927** Power meter, 4 wavelength with universal 2.5mm and fixed FC adaptor
- 2x SC-SC 50µm multimode cables
- 1 SC calibration coupler
- Carrying case
- User Manual in English, Spanish, German, French, Portuguese, Italian and Chinese

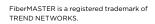
### FiberMASTER Kit Includes:

Wavelength850, 1300, 1310, 1490, 1550nmDetectorInGaAsMeasurement Range-60 to +3dBmAccuracy±5%Display Resolution.01ConnectorUniversal 2.5mm w/ FC adapterPower SupplyAAA Alkaline Battery x 3Operating Time360 hoursOperating Temp-10 to +60°CLight Source SpecificationsWavelength850, 1300, 1310, 1550nm laser diodeOutput Power.05dB after 15min, 0.1dB over 8 hrsConnector2.5mm w/ ST, SC, FC adaptersPower SupplyAAA Alkaline Battery x 3Operating Time10 to ±60°C		Power Meter Specifications	
Measurement Range-60 to +3dBmAccuracy±5%Display Resolution.01ConnectorUniversal 2.5mm w/ FC adapterPower SupplyAAA Alkaline Battery x 3Operating Time360 hoursOperating Temp-10 to +60°CLight Source SpecificationsWavelength850, 1300, 1310, 1550nm laser diodeOutput Power-6 to -7 dBm TypicalStability.05dB after 15min, 0.1dB over 8 hrsConnector2.5mm w/ ST, SC, FC adaptersPower SupplyAAA Alkaline Battery x 3Operating Time40 hours	Wavelength	850, 1300, 1310, 1490, 1550nm	
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Power Supply   AAA Alkaline Battery x 3     Operating Time   40 hours	Stability	.05dB after 15min, 0.1dB over 8 hrs	
Operating Time 40 hours	Connector	2.5mm w/ ST, SC, FC adapters	
	Power Supply	AAA Alkaline Battery x 3	
Operating Temp	Operating Time	40 hours	
	Operating Temp	-10 to +60°C	
Storage Temp -25 to +70°C	Storage Temp	-25 to +70°C	
Cat. No. Description	Cat. No.	Description	
33-928 MM/SM power meter with 850nm light source only			
<b>33-929</b> Four wavelength MM/SM light source only	33-928	source only	
33-931 FiberMASTER Fibre Optic Test Kit			



### TREND NETWORKS

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