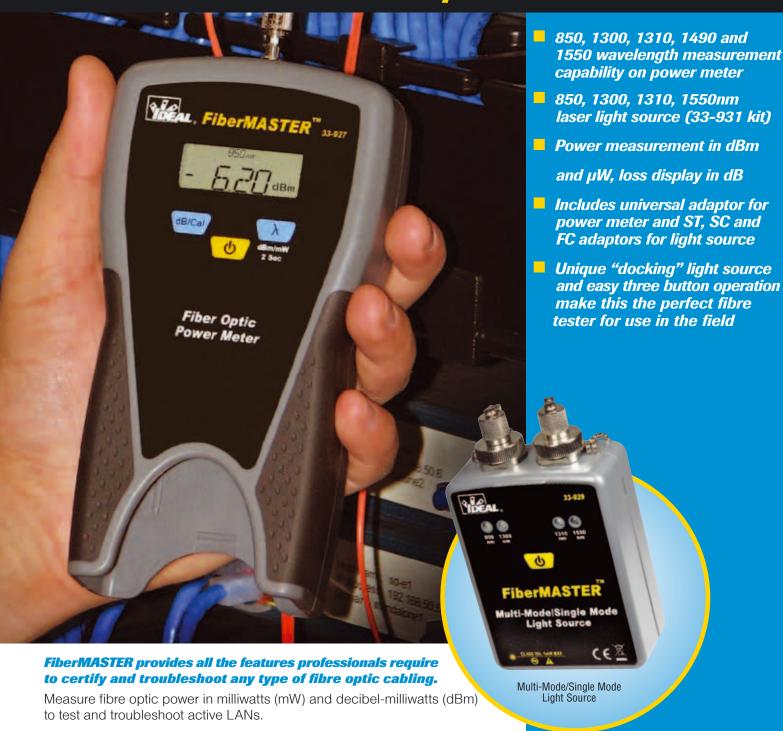


FiberMASTER™ MM/SM Fiber Optic Test Kit



IDEAL DataComm

SUT

TERMINATE

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.

TEST

CERTIFY



FiberMASTER™ MM/SM Fiber Optic Test Kit

The IDEAL 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.

FiberMASTER Kit Includes:

- **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

Power Meter Specifications		
Wavelength		850, 1300, 1310, 1490, 1550nm
Detector		InGaAs
Measurement Range		-60 to +3dBm
Accuracy		±5%
Display Resolution		.01
Connector		Universal 2.5mm w/ FC adapter
Power Supply		AAA Alkaline Battery x 3
Operating Time		360 hours
Operating Temp		-10 to +60°C
Storage Temp		-25 to +70°C
Light Source Specifications		
Wavelength		950 1200 1210 1550pm loogr diada
wavelength		850, 1300, 1310, 1550nm laser diode
Output Power		-6 to -7 dBm Typical
		, , ,
Output Power		-6 to -7 dBm Typical
Output Power Stability		-6 to -7 dBm Typical .05dB after 15min, 0.1dB over 8 hrs
Output Power Stability Connector		-6 to -7 dBm Typical .05dB after 15min, 0.1dB over 8 hrs 2.5mm w/ ST, SC, FC adapters
Output Power Stability Connector Power Supply		-6 to -7 dBm Typical .05dB after 15min, 0.1dB over 8 hrs 2.5mm w/ ST, SC, FC adapters AAA Alkaline Battery x 3
Output Power Stability Connector Power Supply Operating Time		-6 to -7 dBm Typical .05dB after 15min, 0.1dB over 8 hrs 2.5mm w/ ST, SC, FC adapters AAA Alkaline Battery x 3 40 hours
Output Power Stability Connector Power Supply Operating Time Operating Temp		-6 to -7 dBm Typical .05dB after 15min, 0.1dB over 8 hrs 2.5mm w/ ST, SC, FC adapters AAA Alkaline Battery x 3 40 hours -10 to +60°C -25 to +70°C Description
Output Power Stability Connector Power Supply Operating Time Operating Temp Storage Temp	MM/	-6 to -7 dBm Typical .05dB after 15min, 0.1dB over 8 hrs 2.5mm w/ ST, SC, FC adapters AAA Alkaline Battery x 3 40 hours -10 to +60°C -25 to +70°C
Output Power Stability Connector Power Supply Operating Time Operating Temp Storage Temp Cat. No.	MM/s	-6 to -7 dBm Typical .05dB after 15min, 0.1dB over 8 hrs 2.5mm w/ ST, SC, FC adapters AAA Alkaline Battery x 3 40 hours -10 to +60°C -25 to +70°C Description SM power meter with 850nm light





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