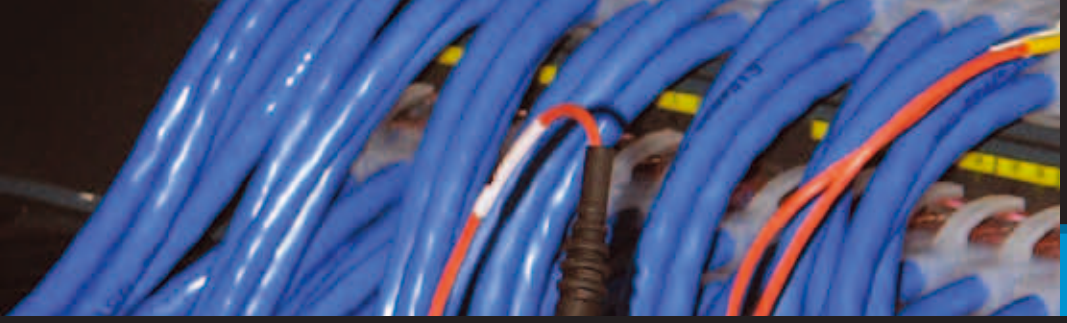
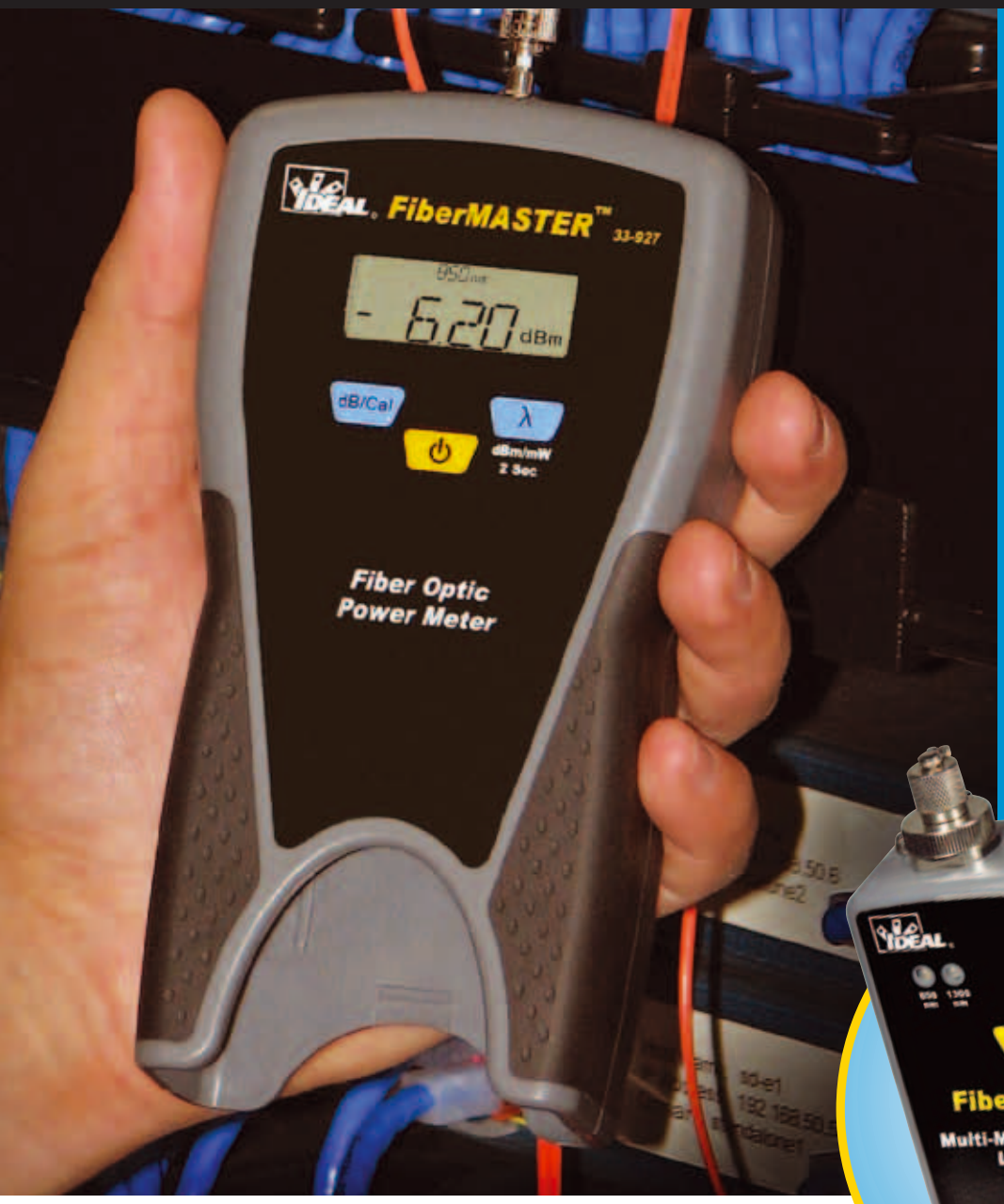


FiberMASTER™ MM/SM Fiber Optic Test Kit



- *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*



Multi-Mode/Single Mode Light Source

FiberMASTER provides all the features professionals require to certify and troubleshoot any type of fibre optic cabling.

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.

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	850, 1300, 1310, 1550nm laser diode
Output Power	-6 to -7 dBm Typical
Stability	.05dB after 15min, 0.1dB over 8 hrs
Connector	2.5mm w/ ST, SC, FC adapters
Power Supply	AAA Alkaline Battery x 3
Operating Time	40 hours
Operating Temp	-10 to +60°C
Storage Temp	-25 to +70°C

Cat. No.	Description
33-928	MM/SM power meter with 850nm light source only
33-929	Four wavelength MM/SM light source only
33-931	FiberMASTER Fibre Optic Test Kit

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