

TECHNICAL DATA SHEET

Mini LTS Mini Power Meter Mini LED Source



The KD Optics Mini Multimode power meter and Mini LED source are designed for the testing of LANs, FDDI, or other multimode links whether inside or outside a building. Both units are extremely simple to use and both have long life from a single PP3 battery. If bought as a pair, a small ABS style carrying case is included, otherwise they are supplied individually in a small carry pouch. Although their main use is in cable attenuation testing, other applications include fibre continuity testing, connector testing, transmitter power testing etc.



Mini LED Source

Mini Power Meter

Easy to Use
Wide dynamic range
Long battery life

All adapter caps available
Highly stable
Rugged

Mini Power meter Specifications

Model	Mini Power Meter
Wavelength	850 and 1300nm
Sensor Type	Germanium
dBrel	Yes
Display	3 Digit LCD displays dBm, dB
Measurement Range	+ 5dBm to -50dBm
Measurement Accuracy	± 5% at -23dBm
Resolution	0.1dBm
Optical Connector	2.5mm universal included, adapter caps for ST, SMA, FC/PC, SC, Diamond, FDDI etc.
Power requirements	Alkaline PP3 giving approximately 40 hours operation
Temperature range	0 – 50°C
Dimensions	105 x 60 x 25mm

Mini LED Light source Specifications

Model	Mini LED Source
Wavelength	850 and 1300nm
Source Type	Two LEDs from separate outputs
Spectral Characteristics	850 ±30nm, 1300 ±30nm
Spectral FWHM	Typical 50nm (850nm), 100nm (1300nm)
Output Level	Typically > -20dBm into 62.5/125 Multimode fibre
Output Stability	±0.1dB or less over 1 hour at 23°C
Stabilisation Time	Typically 60 seconds from power up at 23°C
Optical Connector	Fixed ST
Power requirements	Alkaline PP3 giving approximately 20 hours operation
Temperature range	0 – 50°C
Dimensions	105 x 60 x 25mm

Mini Power meter and Source Ordering Information

Mini-PM Mini Power Meter
 Mini-LS Mini LED Source
 Mini-LTS Mini Loss Test Set

Mini Power meter and Source Included accessories

Batteries, carry pouch or small case (supplied if bought as a pair)
 One year warranty

Mini Power meter and Source Optional accessories

Bare fibre adaptors
 Test cables and patchcords
 Additional adapter caps, PM/FCPC, PM/SC, etc
 Small carry case for 2 instruments and accessories

Other Products from KD Optics:

Singlemode Power meters and laser sources
 Visible laser sources
 Loss Test Sets
 Optical attenuators
 Optical Talk sets
 Cooled laser sources
 Optical data logging and Device alignment test sets
 Thermo Electric Cooler (TEC) controllers
 OTDRs, Fusion splicers



Mini LTS shown in case with optional FT20 tracer

Manufactured in the UK by:
 KD Optics
 New Forest Farm
 Walshford, Wetherby, N.Yorks LS22 5JJ UK
 Tel +44 (0)1937 587003
 kdsales@kdoptics.com www.kdoptics.com

KD Optics reserves the right to change specifications without notice. Whilst every effort is made to ensure the accuracy of technical data, KD Optics accepts no liability in contract, tort or otherwise for any damages or injury. E&OE.