

OP815 INSERTION LOSS METRE

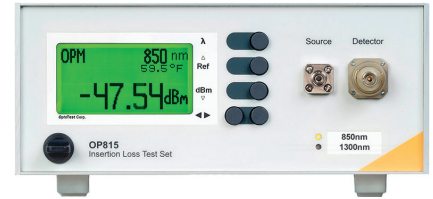
FEATURES:

- high measurement precision
- high speed USB computer interface
- OPL-Pro Excell sheet measurement saving software
- interface for non-standard applications with OPL-SDK
- fully automatic insertion loss measurement for one or two wavelengths
- different detector options for one or two fibres

TECHNICAL SPECIFICATIONS:

optical power metre	measurement range	wavelength range	total accuracy	±0,05 dB deviation	±0,01 dB deviation
1 mm InGaAs	+6 dBm to -72 dBm at 1490 nm	850 nm 980 nm 1300 nm 1310 nm 1490 nm 1550 nm 1625 nm	±0,25 dB at calibration conditions for all NIST traceable wavelengths	+3 dBm to -65 dBm at 1490 nm	power change <10 dB
3 mm InGaAs	+3 dBm to -72 dBm at 1490 nm			0 dBm to -65 dBm at 1490 nm	
5 mm InGaAs	0 dBm to -65 dBm at 1490 nm			0 dBm to -55 dBm at 1490 nm	
10 mm InGaAs	0 dBm to -55 dBm at 1490 nm			0 dBm to -45 dBm at 1490 nm	
3 mm Silicon	0 dBm to -65 dBm at 980 nm	650 nm 850 nm 980 nm		0 dBm to -55 dBm at 980 nm	

insertion loss	source bandwidth	internal fibre	output power	source stability
1310/1550 nm Laser	<10 nm	9/125 (SMF28)	typical - 1,5 dBm	±0,02 dB
1310/1490/1550/1625 nm Laser			typical - 2,5 dBm	
850/1300 nm LED	<140 nm (850 nm) <200 nm (1300 nm)	50/125 62.5/126 105/125	18 dBm: 62,5/125 um	



OP815 Metre