

130 Series Handheld Optical Power Meters Specifications

Receiver	130	131	132	133	134
Dynamic 1300/1550	+5 to -75dBm	+5 to -60 dBm	+5 to -60 dBm	N/A	+5 to -60 dBm
Range 850	+5 to -65 dBm	+5 to -55 dBm	+5 to -75 dBm	+5 to -75 dBm	+5 to -75 dBm
Accuracy ¹	0.2 dB	0.2 dB	0.2 dB	0.2 dB	0.2 dB
Linearity ²	0.25 dB	0.25 dB	0.25 dB	0.25 dB	0.25 dB
Resolution	0.01 dB	0.01 dB	0.01 dB	0.01 dB	0.01 dB
Detector	InGaAs	Ge	Ge/Si	Si	Ge/Si
Fiber Compatibility	Singlemode Multimode 50/125 μ m (62.5/125 μ m installed options)	(Small Area)	(Large Area)	(Large Area)	(Large Area)
Optical Connector	Biconic, FC, D4 SMA, ST factory installed options				Connector Adapters

NOTE:

- ¹ @ -10 dBm input level
 - ² Within 10 dB of dynamic range
- * ST is a registered trademark of AT&T

Receiver	130 and 131	132	133	134
Calibrations	850, 1300, 1550 nanometers	850, 1300 nm	600 to 1100 nm	600 to 1600 nm
References	3 stored, one for each of the 3 cal wavelengths (850, 1300, 1550 nm)	2 stored, one for each of the 2 cal wavelengths (850, 1300)	4 stored, for 4 user-selectable cal wavelengths	4 stored, for 4 user-selectable cal wavelengths
Display	Large, custom LCD, Auto ranging measurements Also displays units and cal wavelength			
Measurements	Loss (dB) referenced to prior measurement Power in dBm, Power in Watts Minimum & Maximum functions			

Power/Environment

Internal rechargeable battery
DC Operation
AC Operation
110 VAC $\pm$ 10%, 50-60 Hz external AC line supply/recharger

Temperature Range
-10° to +40° C (operating)
-40° to +70° C (storage)

Overall Dimensions
7-1/2 x 3-1/2 x 1-1/2 inches

Weight
1/2 lb including batteries