

TECHNICAL SPECIFICATION

1310/1490/1550nm POWER METER

PON optical power meter is a tester designed for design, operation and maintenance of FTTX network. It is able to concurrently measure the optical power values of voice, data and video signals. It is an ideal choice for the construction and maintenance of FTTX network works.



ORDERING INFORMATION

RSPOWERME

Calibrating wave length	1310 upstream measurement	1490 upstream measurement	1550 upstream measurement
Spectral passband (nm)	1260 ~ 1360	1470 ~ 1505	1535 ~ 1570
Measurement range (dBm)	-40 ~ +10	-40 ~ +10	-40 ~ +20
Isolation 1310nm (dB)	-	>40	>40
Isolation 1490nm (dB)	>40	-	>30
Isolation 1550nm (dB)	>40	>40	-
Measurement accuracy			
Connatural uncertainty (dB)	±0.5		
PDL (dB)	<±0.25		
Linearity (dB)	±0.1		
Pass trough insertion loss (dB)	<1.5		
General Indicators			
Display	LCD 320*240		
Unit	dB dBm/*W		
Resolution	0.01dB		
Input voltage	DC 6.5V ~ 8.5V		
Rechargeable battery	7.4V		
AC Adapter	8,4V		
Type of optical fiber	Single mode optic fiber		
Working temperature	-10 ~ +60°C		

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STANDARD ACCESSORIES



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