

FIS XGPON POWER METER



Part #: F1XGPONA

FEATURES

- Can identify B-PON, E-PON, G-PON mixed with new generation 10G-EPON or XG-PON
- Supports tests in B-PON, E-PON, G-PON and XG-PON/10G-EPON networks
- Through-mode capability for simultaneous measurement and display of voice, data and RF video signals on fiber at 1490/1550/1577nm downstream and 1270nm/1310nm upstream
- Convenience for threshold setting, which can set the threshold on the tester
- USB communication port enables data transfer to a PC
- Offers up to 10 different threshold sets in total
- 10 minutes Auto-off function can be activated or deactivated with keypad operation.

The new generation XG-PON power Meter is used on measure B-PON, E-PON and G-PON and next generation high speed 10G PON such as XG-PON and 10G-EPON networks, It also combine the function of pass/fail for network trouble shooting.

SPECIFICATIONS

Wavelength	1270nm	1577nm	1310nm	1490nm	1550nm
Pass Zone(nm)	1260~1280	1560~1580	1300~1320	1480~1500	1540~1560
Isolation (dB)	>30@1310	>40@1270	>40@1270	>40@1270	>40@1270
Isolation (dB)	>40@1490	>40@1310	>40@1550	>40@1310	>40@1310
Isolation (dB)	>40@1550	>40@1490	>40@1490	>30@1550	>30@1490
Isolation (dB)	>40@1557	>30@1550	>40@1557	>40@1557	>30@1557
Measurement Range (dBm)	-40~+10	-40~+10	-40~+10	-40~+10	-40~+20

General Information	
Detector Type	InGaAs
Optical Connector	SC/APC FC/APC(UPC optional)
Fiber Type	9/125um
Display	LCD:128*64
Measurement Unit	dB/dBm/xW
Resolution (dB)	0.01
Power Supply	3 AA1.5V battery
Operation Temperature	-10 °C~60 °C
Storage temperature	-25 °C ~70 °C
Dimension (inches)	8 x 3.5 x 2
Weight (oz)	10oz.
Measurement Accuracy	
Connatural uncertainty (dB)	±0.5
Linearity(dB)	±0.1
Passing through insertion Loss (dB)	<1.5