

XGS PON Power Meter

Variants

XGSPON-DT2100

Details

XGS PON Power Meter

Optical Measurement Parameters

Parameter	1270 nm	1310 nm	1490 nm	1550 nm	1577 nm	1610 nm
Spectral Bandwidth (nm)	1260 ~ 1280	1300 ~ 1320	1480 ~ 1500	1540 ~ 1560	1570 ~ 1581	1600 ~ 1620
Optical Isolation	>30 @1310 >40 @1490 >40 @1550 >40 @1577 >40 @1610	>30 @1270 >40 @1490 >40 @1550 >40 @1577 >40 @1610	>40 @1270 >40 @1310 >35 @1550 >40 @1577 >40 @1610	>40 @1270 >40 @1310 >35 @1490 >30 @1577 >40 @1610	>40 @1270 >40 @1310 >40 @1490 >30 @1550 >40 @1610	>40 @1270 >40 @1310 >40 @1490 >40 @1550 >40 @1577
Measuring Range (dBm)	-40 ~ +10	-40 ~ +10	-40 ~ +10	-40 ~ +20	-40 ~ +10	-40 ~ +10

General Optical Specifications

Model Number	DT2100
Probe Type	InGaAs
Optical Port	SC/APC (Customized SC/UPC)
Measurement Unit	dB / dBm / mW / uW / nW
Display Resolution	0.01 dB
Power Uncertainty	±0.5 dB
Linearity	±0.1 dB / 10 dB
Channel Insertion Loss	< 1.5 dB

Data Storage	999 Groups
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Visual Fault Locator (VFL)

Output Power	10 mW / 20 mW
Connector	2.5 mm Universal Connector + FC or SC
Wavelength	650 nm
Spectral Line Width (20°C)	±10 nm
Fiber Mode	SM / MM
Tone Detect	CW, 2 kHz

General Parameters

Automatic Shutdown Time	5 ~ 90 minutes (Adjustable)
Power Supply	5V/2A Power Adapter + 2000 mAh Rechargeable Battery
Continuous Working Time	Working Time > 32 hours, Standby Time > 60 hours
Working Temperature	-10 ~ +60°C
Storage Temperature	-25 ~ +70°C
Product Dimension	76 × 177.5 × 40 mm
Product Weight	0.28 kg

Notes

1	Working time and standby time are under dark backlight power-saving mode.
2	Accessory includes a 5V/2A power adapter.
3	Weight is without batteries.