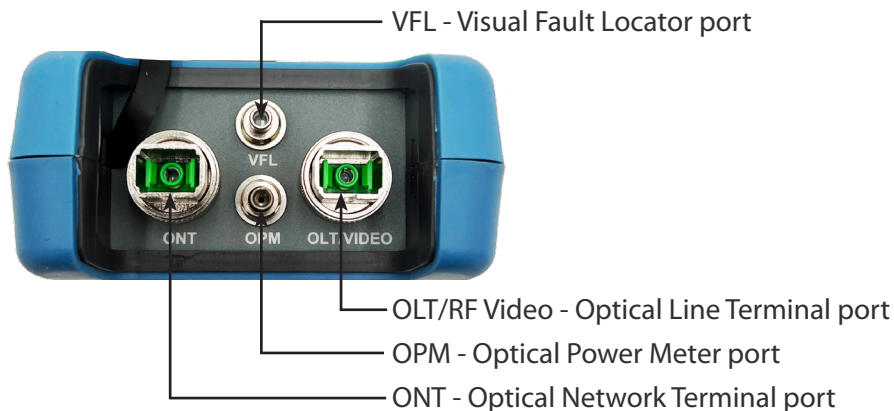


Description

The Netceed MUL-OPM-XGSPON-VFL-400 Optical Power Meter is especially designed for XGS-PON network construction and maintenance. The voice, data, video wavelengths (1270, 1310, 1490, 1550, 1577nm), can be measured synchronously and the corresponding optical power level can be displayed with this meter. The meter will also complete an automatic pass / fail analysis using user-settable thresholds for every wavelength, and both measure and store test results for downloading to a PC.

Key Features

- Supports co-existence of G/E-PON and XGS-PON/10G-EPON services on the same PON
- Simultaneous realtime power level measurements of voice, data, and RF video signals on fiber at 1490, 1550, 1577nm downstream, and 1270nm, 1310nm upstream
- Separate Optical Power Meter port calibrated to test single and multi-mode fiber at 850, 1300, 1310, 1490, 1550, 1625nm
- 10mW Visual Fault Locator
- Stores 10 groups of threshold values for automatic analyzing and display of pass / fail status
- Save and upload 1,000 records through USB to management software
- Fiber End-Face inspection Microscope option with image capture for onsite documentation & certification purposes



Fiber End-face Inspection Microscope with Image Capture Ready

The Netceed XGS-PON Optical Power Meter includes an imbedded Fiber Inspection Module that provides a critical view of the fiber end-face, eliminating problems in network traffic. (Netceed Fiber Microscope MUL-OPM-XGPON-FVSCOPE sold separately).



Simultaneous realtime measurements of 5 wavelengths in XGS-PON networks



Fiber End-Face inspection Microscope with recording for onsite documentation & certification

Part Number: MUL-OPM-XGSPON-VFL-400 - XGS-PON Power Meter
Part Number: MUL-OPM-XGSPON-FVSCOPE - Fiber Microscope

XGS-PON OPTICAL POWER METER & END-FACE INSPECTOR

Product Specifications

XGS-PON Meter Technical Parameters		Specifications				
Simultaneous Measuring Wavelengths (nm)		1270	1310	1490	1550	1577
Measuring Range (dBm)		-40 ~ +13	-40 ~ +13	-50 ~ +13	-50 ~ +25	-50 ~ +10
Wavelength Passband (nm)		±10	±20	±10	±10	±6
Insertion Loss (dB)		≤1.5				
Uncertainty (dB)		≤0.5				
Display Resolution (dB)		0.01				
Fiber Connector Port		2 x SC/APC for upstream and downstream				
OPM Technical Parameters		Specifications				
Calibrated Wavelengths (nm)		850, 1300, 1310, 1490, 1550, 1625				
Range (dBm)		-50 ~ +26				
Uncertainty (dB)		≤0.5				
Fiber Connector Port		Universal FC / SC / ST				
VFL Technical Parameters		Specifications				
Wavelength (nm)		650 ±10				
Output Power (mW)		≥10				
Mode		CW / 1Hz / 2Hz				
Fiber Connector Port		Universal FC / SC / ST				
General Parameters		Specifications				
Display		90mm (3.55") Color LCD				
Data Interface		Micro USB				
External Storage		TF Card				
Power Supply		Lithium Battery: 3.7V				
Power Adapter		5V USB Power Adapter (connect to Micro USB to recharge)				
Battery Life		Standby >60 Hours, Measuring Time >20 Hours				
Operating Temperature		-10° ~ +60°C (14° ~ +140°F)				
Storage Temperature		-25° ~ +70°C (-13° ~ +158°F)				
Relative Humidity		0 ~ 95%				
Weight		400g (0.88lb)				
Dimensions (L x W x H)		88 x 44 x 188mm (3.5" x 1.7" x 7.4")				
Fiber End-face Inspection Microscope Technical Parameters		Specifications				
Magnification		400X				
Resolution		<0.75μm				
Light Source		Coaxial blue LED				
Controls		Fine Focus Control				
Size / Weight (L x W x H)		110 x 40 x 40mm (4.3" x 1.6" x 1.6") / 158g (.35 lbs)				

Part Number: MUL-OPM-XGSPON-VFL-400 - XGS-PON Power Meter
 Part Number: MUL-OPM-XGSPON-FVSCOPE - Fiber Microscope

