

GLK286 Technical specifications

10G EPON/XGPON OPM				
Wave range	1270±10nm	1310±10nm	1490±10nm	1577±10nm
Measuring range	-35~+10dBm	-35~+10dBm	-40~+12dBm	-40~+12dBm
Isolation	>40dB			
Measurement uncertainty	≤0.5dB			
Insertion loss	≤1.5dB			
Detector type	InGaAs			
Display resolution	0.01dB			
Fiber type	SM 9/125μm			
Optical connector	SC/UPC			
VFL				
Wavelength	650nm±20nm			
Output power	≥10mW			
Stability	CW/1Hz/2Hz			
Optical connector	Universal joint FC/SC/ST			
RJ45 Length、RJ45 Cable Sequence、RJ45 Cable Tracking (optional)				
Test Range	≤300 m			
Others				
reveal	Segment code screen			
Data storage	≤1000 pieces			
Data interface	Type-C			
Power supply mode	Polymer lithium battery :3.7V, 1500mAh; Power adapter :5VDC, 2A			
Battery life	≥20h			
Operating temperature	-10℃~+50℃			
Storage temperature	-40℃~+70℃			
Relative humidity	0~95%No condensation			
dimension	140mmX32mmx73mm			
weight	255g			

Configuration list

No.	Name	Quantity	Remarks	No.	Name	Quantity	Remarks
1	Host machine	1	Battery included	5	Instruction manual	1	
2	SC adapter	2		6	certificate of conformity/ after-sales service warranty card	1	
3	Power adapter	1		7	Instrument kit	1	
4	Data cable	1		8	Optical disk	1	

GLK286 10G EPON/XGPON OPM

Product overview



The GLK286 10G EPON/XGPON optical power meter can measure the power value of the uplink and downlink signals of GPON/EPON and XGPON/XGSPON networks, including the uplink 1270nm/1310nm signal power. The downlink 1490nm/1577nm signal power is measured by split-wave. At the same time, it integrates the three functions of visual fault location, RJ45 cable sequence and line hunting test in one, which can measure all PON signals, and also can measure each wavelength separately, which is the ideal choice for PON network engineering, construction and maintenance. By setting different thresholds corresponding to different wavelengths, the PON power meter has a "PASS/FAIL" fiber certification detection function to ensure that service providers improve system performance lifetime by verifying network connectivity, so that engineering contractors have high-level critical certification tools to provide customers with reliable network projects.

Product features

- Support GPON\EPON\XGPON\XGSPON simultaneous measurement
- Support uplink 1270nm and 1310nm burst signal power division measurement
- Support downlink 1490nm, 1577nm signal power division measurement
- You can set the PASS/FAIL threshold and calibration wavelength
- Support VFL/RJ45 Cable Sequence/RJ45 tracker
- A maximum of 1000 pieces of data can be saved and viewed
- Automatic shutdown can be set



Long endurance, lasting 20h working time



Multi-wavelength simultaneous testing, different wavelength simultaneous testing



USB interface, power supply



Environmental adaptability  
Operating temperature -10℃~+50℃