
EASYLINK E4L2P01 PON Optical Power Meter



Fig.1: E4L2P01 PON Optical Power Meter

Description:

E4L2P01 PON Optical Power Meter is a small size, low loss and good quality handed-held meter. It is designed for the testing, installation and maintenance of FTTX PON network, which can be used for APON, BPON, EPON and GPON network. E4L2P01 PON Optical Power Meter has two output ports for ONU and OLT/Video, which supports CW/burst upstream detection at 1310nm and downstream signal at 1490/1550nm. It can directly show the status of pass, warning or failure by threshold testing. E4L2P01 is an ideal tool for PON installation and maintenance.

Feature:

1. Handed-held, easy-to-carry and use
 2. P/F testing and normal testing mode
 3. Two testing ports with "ONU" & "OLT/Video"
 4. Support 1310nm upstream CW/burst signal and 1490nm/1550nm downstream signal
 5. Design for networks of APON, BPON, EPON and GPON
 6. Threshold programmable
 7. Huge data storage capability
 8. Software is available for communication
-
-

Specification:

| | | | | |
|--|---------------------------------------|-------------|-------------|------------|
| Wavelength | 1310nm (Burst) | 1310nm (CW) | 1490nm | 1550nm |
| Linearity | ±0.2dB@1550 ≥-40dBm | | | |
| Isolation Rate | >40@1490nm | | >40@1310nm | >40@1310nm |
| | >40@1550nm | | >30@1550nm | >30@1490nm |
| Measuring Range | -30~+16dBm | | -40~+16dBm | -50~+16dBm |
| Insertion Loss | 1.5dB | | | |
| Broadband | 1260~1360nm | 1480~1500nm | 1539~1565nm | |
| Accuracy | 0.5db±1nW @ 1550nm | | | |
| Threshold | 10 groups (configure via PC-software) | | | |
| Data Storage | 900 | | | |
| Adapter | SC/PC | | | |
| Operating Temperature | -10 to +50°C | | | |
| Relative Humidity | 0%~95% (non-condensing) | | | |
| Communication Port | USB port | | | |
| Power Supply | 2pcs*Ni-MH AA; USB cable | | | |
| Dimension | 160L*76W*45mmH | | | |
| Net Weight | 400g | | | |
| Standard Accessories: | | | | |
| 2*SC/PC adapters, 2*FC/PC adapters, 3*ceramic sleeves, 2*AA rechargeable batteries, USB cable, test report, carrying bag, CD software, user manual | | | | |
| Optional Accessories: | | | | |
| 2*ST/PC adapters | | | | |