



## M350 Mini Optical Explorer

- FTTX last mile fiber troubleshooting
- First connector loss and ONU/Splitter connectivity state is measurable
- Offline ONT identification (ONU connected or NO ONU)
- Single 1550nm or 1625nm or 1650nm with filter support live fiber measurement
- Downstream 1490nm/1577nm selective OPM for GPON&XGSPON combo network
- Multi-functional integration: VFL, OLS, selective&normal OPM, flashlight
- 4-inch capacitive touch screen, compact and portable
- Support Bluetooth and Android phone app, PDF report generation is available on phone app

Items	Specifications
<b>Fiber Link Map</b>	
Normal Mode	Wavelength: single 1550nm or 1625nm or 1650nm, Support live test Dynamic range: 20dB Event deadzone: 1m, Attenuation deadzone: 4m
Last Mile Troubleshooting	Test Settings 1) ONU End (Test from splitter towards ONU) 2) Splitter (Test from ONU towards splitter) First connector insertion loss and the ONU/Splitter connectivity state can be tested
Offline ONU Status Detection	Results 1: ONU 2: NO ONU
<b>OTDR Module</b>	
Wavelength	Single 1550nm or 1625nm or 1650nm, Support live test
Dynamic Range	20dB
Deadzone	Event deadzone: 1m, Attenuation deadzone: 4m
Test Range	500m~120km
Pulse Width	3ns~10us
Test Mode	Auto, Manual, Realtime
Distance Accuracy	$\pm(1m+Test\ distance \times 3 \times 10^{-5} + Sampling\ resolution)$ (excluding IOR uncertainty)

Let's go in the grandway!





Optical Power Meter Module	
10G PON Selective OPM	1490nm/1577nm, display on one screen Range: -40~+10dBm Accuracy: ±0.5dB
Normal Broadband OPM	850nm/1300nm/1310nm/1490nm/1577nm/1550nm/1625nm/1650nm Range: -40~+10dBm Accuracy: ±0.2dB
Stable Laser Source Module	
Wavelength	Consistent with OTDR
Output Power	>-12dBm
Working Mode	CW/270Hz/1kHz/2kHz
VFL Module	
Wavelength	650nm±10nm
Output Power	10mw
Working Mode	CW/1Hz/2Hz
Others	
Optical Interface	SC/UPC or SC/APC, 2.5mm universal×2
Electric Interface	USB Type-C for data transmission and charging
Display	4-inch capacitive touch screen
Data Storage	120MB
Battery	4000mAh lithium battery
Working Temp	-10°C~+50°C
Humidity	0~85% (Non condensing)
Dimension	148×85×37mm
Weight	318g

