

# OptiVision®

Expanding Digital Technologies



## OTDR

Test Range : 500m ~ 64Km

### Description :-

- Support lighting & backlight switch.
- Support automatic shutdown.
- Support wavelength memory function.
- Support frequency identification.
- Support user calibration.
- Support SC/FC/ST interface.
- Support external power supply
- Support simultaneous linear(mw) & non linear(dBm) display.



### OPM

Wave Range : 800nm ~ 1700nm  
 Interface Type : Universal Joint FC/SC/ST  
 Test Range : -50dbm ~ +26dBm  
 Uncertainty : +/- 5%  
 Frequency Identification : CW/270/330/1K/2KHz  
 Calibration wavelength : 850/980/1300/1310/1490/1550/1625/1650nm

### LS

LD Type : FP-LD  
 Wavelength : 1310nm/1550nm +/-20nm  
 Output Power : > -5dBm  
 Modulation Frequency : 270/330/1K/2KHz  
 Stability : CW, +/-0.5dB/15min.  
 (Test after 15min. of preheating)  
 Connector : FC/UPC ( interchangeable SC, ST )

### VFL

Wavelength : 650nm +/-20nm  
 Output Power : >10mW  
 Mode : CW/1Hz/2Hz  
 Connector : FC/SC/ST

### Other Parameters

Display : 3.5 inch Colour LCD  
 Data Interface : Micro USB  
 External Storage : TF Card  
 Power Supply : Polymer Li-Battery : 3.7V ~ 4000mAh  
 Adapter : 5VDC - 2A  
 Battery Life : Standby > 20h ; Measuring time >12h  
 Operating Temp. : -10 C ~ +50 C  
 Storage Temp. : -40 C ~ +70 C  
 Relative Humidity : 0 ~ 95% Non Condensing  
 Size : 173mm x 82mm x 37mm  
 Weight : <350 g

### Mini-Pro OTDR

Wavelength : 1310nm/1550nm +/-20nm  
 Fiber type : 6.652  
 Dynamic Range : 24dB/22dB  
 Event Blind Zone : 3m  
 ATT Blind Zone : 8m  
 Test Range : 500m ~ 64Km  
 Pulse Width : 3ns ~ 10us  
 Ranging accuracy : +/- (1m + sampling interval + 0.005% x Test Distance)  
 Loss accuracy : +/-0.2dB/0dB  
 Sampling Points : 16k~128k  
 Sampling resolution : 0.05m~8m  
 Reflection accuracy : +/-3dB  
 Data Storage : Internal : >600; External : TF Card  
 Laser Safety Level : Class 2  
 File Format : SDR Standard File Format  
 Connector : FC/UPC ( interchangeable SC, ST )

### Rj45 Cable Length Measurement

Test Range : 300m