Technical specification

Single Mode version:

- Main connection SC/APC +
  500m Singlemode launch cable
- Wavelength 1310nm and 1550nm
- Dynamic Range 24/22dB, Event Blind Zone 2.5m (0m with launch cable)
- ATT Blind Zone 8m (0m with launch cable)
- Test Range:
  500m/1km/2km/4km/8km/16km/32km /64km/100km
- Pulse Width:
  3ns/5ns/10ns/20ns/30ns/50ns/80ns/160

Multi Mode version:

- Main connection SC/UPC +
  150m Multimode launch cable
- Wavelength 850nm and 1300nm
- Dynamic Range 24/22dB, Event Blind Zone 2.5m (0m with launch cable)
- ATT Blind Zone 8m (0m with launch cable)
- Test Range:
  500m/1km/2km/4km/8km/16km/32km /64km/100km
- Pulse Width:
  3ns/5ns/10ns/20ns/30ns/50ns/80ns/160

ns/320ns/
500ns/800ns/1us/2us/3us/5us/8us/10us
/20us

- Ranging Accuracy ± (1m+Sample interval+0.005% ×Test distance)
- Linearity ≤0.05dB/dB
- Sample Points 6k~128k
- Sample Resolution 0.05m~8m
- Loss Resolution 0.001dB
- Loss Threshold 0.20dB
- Range Resolution 0.001m
- Refractive Index 1.00000-2.00000
- Reflection Accuracy ±3dB
- File Format SOR Standard File Format
- Loss Analysis 4-point method /5-point method
- Laser Safety Level Class II
- Connector SC/APC (Interchangeable SC, LC ST)
- Refresh Rate 3Hz (Typ.)
- Launch cable 500m G657 (to avoid event blind zone)
- Connector SC-APC
- Adapter cables SC-APC, SC-UPC, LC-APC, LC-UPC
- Optical Lights Source,
  Wavelength Transmitting 1310nm or 1550nm
  Power -5dBm
- OPM Optical Power Meter
  Measuring Measuring loss (dB) in the range between 800nm – 1700nm.
- Range (dB) -70dBm to +10dBm
- Resolution 0.01dB
- VFL Visual Fault Locator
  Wavelength 650nm
  Output Power <10mW
- RJ45 Cable tracker
  Mode Digital tracking, Line pair tracking
  Distance Up to 300m
- Display 4.3” 800×400 TFT-LCD, Multi color touch display
- Power AC/DC adapter; Input:100V~240V, 50/60Hz. Output 5v 2A
- Rechargeable battery Lithium battery:3.7V,4000mAh
- Operational Continuous use for about 12 hours
- Data storage internal, About 200

ns/320ns/
500ns/800ns/1us/2us/3us/5us/8us/10us
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- Refractive Index 1.00000-2.00000
- Reflection Accuracy ±3dB
- File Format SOR Standard File Format
- Loss Analysis 4-point method /5-point method
- Laser Safety Level Class II
- Connector SC/UPC (Interchangeable SC, LC ST)
- Refresh Rate 3Hz (Typ.)
- Launch cable 150m OM4 (to avoid event blind zone)
- Connector SC-UPC
- Adapter cables SC-UPC, LC-UPC
- Optical Lights Source,
  Wavelength Transmitting 850nm or 1300nm
  Power -5dBm
- OPM Optical Power Meter
  Measuring Measuring loss (dB) in the range between 800nm – 1700nm.
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memory positions
More than 20k positions with 8 Gb SD-micro card

- Data connector USB type-C (for upgrade)
- Operational temp Between -10 to +50 C
- Storage temp Between -40 to +70 C
- Relative humidity 0-95% (non condensing)
- Weight 0.5kg
- Size 173 x 109 x 45 mm

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More than 20k positions with 8 Gb SD-micro card

- Data connector USB type-C (for upgrade)
- Operational temp Between -10 to +50 C
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