features:
- 96 DWDM Wavelengths (channels 15-62.5)
- Up to 35 dB Dynamic Range
- Touch Screen
- Long battery life
- Bidirectional Analysis
- Video scope capable
- Comprehensive Event Analysis
- Report Generating Software Included

OTDR SPECIFICATIONS:
- Standard Wavelength: 191.5 - 196.25 THz (ITU CHs15-62.5)
- Dynamic Range: 35 dB
- Pulse Width: 5 - 20,000ns
- Units of Measurement: km, kf, mi
- Event/Attenuation Dead Zone: 1m / 4m
- Resolution/Data Points: 1.25 - 32m / up to 16,000
- Distance Uncertainty: ±(0.75m + 0.005% x distance + sampling resolution)
- Full Scale Distance Range: 1-240km
- Typical Real-time Refresh Rate: 2 Hz
- Linearity: ± .05 dB/db
- Memory Capacity: Internal ~1,000
- Battery: Rechargeable Li-Ion / 10hr
- Temp Range Operating/Storage: 0 to 40C / -20 to 60C
- Weight: 33 oz (935 g)
- Dimensions: h / w / d = 8.75 x 4.25 x 2.5 in (222 x 108 x 63 mm) w/ boot
- Communications ports: USB-PC and Bluetooth
- Connector Styles: FC, SC Interchangeable

TUNABLE LASER SOURCE SPECIFICATION:
- Frequency Range: 191.5 - 196.25 THz (ITU CHs15-62.5)
- Frequency Accuracy: 1.5 GHz
- Line Width: 1 MHz
- Side Mode Suppression Ration: 40 dB
- Max Output Power Typ: 12 dBm
- Power Range: 6 dB
- Power Setting Resolution: 0.01 dB
- Power Accuracy: ± 1 dB
- Minimum Channel Spacing: 50 GHz (0.4nm)
- Fiber Type: 9/125 μm
- Relative Intensity Noise: -140 dB/Hz

ORDERING INFORMATION:
- CO-OTDR-DWDM: 1528-1563 nm DWDM OTDR/Larger Source and Video Scope and Probe Capable
- CO-SCASE: Soft Case for CO-CTDR-DWDM
- CO-HCASE: Hard Case for CO-CTDR-DWDM
- VIS300: Video Probe

www.ChallengerOptics.com 310.338.9971 / sales@ChallengerOptics.com

LASER SAFETY
Class IIIFDA21
CFR1040.10 & 1040.11
IEC 825-1: 1993