



## FEATURES

- 36/35dB Singlemode Dynamic Range
- 1 Meter Dead zones
- Optional Video Inspection Probe W/ Pass/Fail Grading Map
- Bluetooth Android Tablet operation
- Macro Bend and Bi-directional Trace Analysis
- Full Auto, Construction and Expert OTDR testing modes
- Singlemode (1310/1550 and 1310/1550/1625)
- Multimode (850/1300) and Quad (SM 1310/1550 & MM 850/1300)
- Instant On, Immediate Scan
- Live Fiber Detection
- CW/Fiber Identifier Light Source
- Onboard memory for storage of 4000+ Traces
- Real Time System ORL
- Free CertSoft Report Software W/ .SOR Capability
- Simple Tab Selection to Change Between Views

The simple to use FIS Bobcat 2 is a rugged, fast and easy to use touch screen Optical Time Domain Reflectometer (OTDR) that performs a wide variety of functions. The Bobcat 2 OTDR includes a CW/Fiber Identifier Light Source, a bright 4" color touch screen, project management mode, file storage, Fib-R-Map schematic event analysis, adjustable pass/fail threshold settings and onboard context sensitive help. The Bobcat 2 also operates with our free Android application, allowing operation via Bluetooth with compatible Android devices. An optional integrated video scope with IEC 61300-3-35 Method "B" Pass/Fail End face Grading Map is also available.

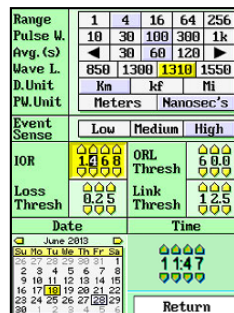
The Bobcat 2 is available in several wavelength configurations; Singlemode dual wavelength 1310/1550, 36/35dB, Single tri-wavelength 1310/1550/1625, 36/35/35dB, Multimode dual wavelength 850/1300, 26/27dB and the Multimode/Singlemode quad-wave length 850/1300/1310/1550, 26/27/36/35dB.

The Bobcat 2 weighs less than 2.0 pounds and has a hardened water resistant enclosure for use in all working conditions. The rubber boot with bail adds protection and the ideal angle for viewing the color display while operating on a work bench.

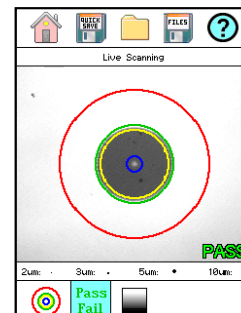
Using the included "CertSoft" certification software suite print professional reports that include; Fib-R-Map schematic analysis, loss test set measurements and connector end face images.

## ORDERING INFORMATION

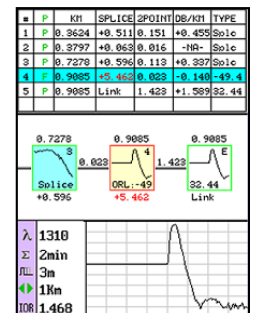
OVR-8513	850/1350nm OTDR with Video Scope Capability and Loss Test Set
OVR-1315	1310/1550nm OTDR with Video Scope Capability and Loss Test Set
OVR-QUAD	850/1300/1310/1550nm OTDR with Video Scope Capability



Intuitive Expert Parameter Screen



Video Scope Screen



Fib-R-Map Schematic Event Analysis

## SPECIFICATIONS

Wavelength	850, 1300, 1310, 1550 and 1625 ±20nm
Dynamic Range	26/27dB MM, 36/35/35dB SM,
Pulse Width	5 - 20,000 ns
Units of Measurement	km, ft, kf, mi
Event Dead Zone	1m
Attenuation Dead Zone	4m
Resolution	.125 - 32m
Distance Uncertainty	±(0.75m + 0.005% x distance + sampling resolution)
Full Scale Distance Range	0.25-64km MM, 0.25-260km SM
Typical Real-time Refresh Rate	2 Hz
Group Index of Refraction (GIR)	1.024 - 2.048
Linearity	± .05 dB/dB
Memory Capacity	~4000
Memory Type	Internal
Power Supply / Charger	Universal
Battery	4 hr
Storage Temperature	-20 to 60 C
Operating Temperature Range	-10 to 50 C
Dimensions (without rubber boot)	7.75" L x 4.5" W x 2.25" H (197mm L x 114mm W x 57mm H)
Weight	1.7 lbs (0.8 kg)
Communications ports	USB and Bluetooth
Connector Styles	FC, ST, SC Interchangeable
Accessories Provided	Universal Power Adapter w/US, UK, Continental Europe, and Australian Plugs, Interchangeable FC/ST and SC Adapters, Android Application, Windows Compatible Software, Rubber Boot and Manual on CD

## POWER METER SPECS

Detector Type	InGaAs
Connector Type	2.5mm Interchangeable
Dynamic Range	+5 to -77dB (CATV - +25 to -57dB)
Calibrated Wavelengths	850, 1300, 1310, 1490, 1550, 1625nm
Power Measurement Uncertainty	± 0.18 dB under reference conditions, ± 0.25 dB from 0 to -65 dBm, ± 0.35 dB from 0 to +5 dBm and from -65 to -77 dBm
Units of Measurement	dBm, dB
Resolution	.01 dB

## LIGHT SOURCE SPECS

Fiber Type	Single mode, Multimode
Wavelengths	850, 1300, 1310, 1490, 1550 and 1625 nm ±20nm
Output Power	0 dBm (-3dBm @ 1625nm)
Laser Safety Classifications	CW, 270 Hz, 1000 Hz, 2000 Hz
Modulation Modes	CW, 270 Hz, 1000 Hz, 2000 Hz

## ADDITIONAL ORDERING INFORMATION

VIS300	Video Probe
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