



Part #: OV1315

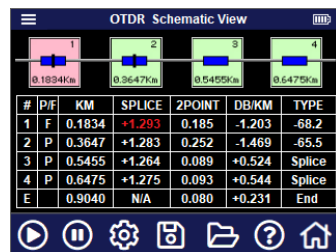
FEATURES

- Standard: 32dB Dynamic Range
- Extended: 37dB Dynamic Range
- 4in Touch Screen
- VIS-300 Scope with Auto Pass/Fail (Optional)
- On Board VFL & Power Meter
- Fib-R- Map Event Analyzer for Entry Level
- Macro Bend Analysis
- Full Auto, Construction and Expert Modes
- SM, MM, Quad & PON Units Available
- Instant On, Immediate Scan
- Live Fiber Detection
- Onboard Memory of 1,000+ traces
- CW/Fiber Identifier Light Source
- FIS Connect Report Software
- Dimensions 5.25" L x 6.125" W x 2.5" H

The OV-350 OTDR delivers advanced test and measurement capabilities. As one of the most compact and full-featured OTDRs available. Designed for field technicians and network engineers, it combines a bright, high-resolution display with intuitive touchscreen operation for project management, file storage, Fib-R-Map™ schematic event analysis, configurable pass/fail thresholds.

Built for ease of use, the OV-350 OTDR offers a simple fault-finder mode, construction mode (for large projects), or expert mode to accommodate every skill level and application. Each unit comes with standard pass/fail software to certify connector end-faces using IEC 61300-3-35 criteria by adding the VIS300 inspection probe.

The OV-350 OTDR is available in dual single-mode or multimode, quad (SM/MM), and PON/LIVE wavelength configurations. The extended range models allow for longer range testing with a 37dB dynamic range. This OTDR is a flexible and powerful solution for installation, certification, and troubleshooting across today's fiber optic networks.



#	P/F	KM	SPLICE	2POINT	DB/KM	TYPE
1	F	0.1834	+1.293	0.185	-1.203	-68.2
2	P	0.3647	+1.283	0.252	-1.469	-65.5
3	P	0.5465	+1.264	0.089	+0.524	Splice
4	P	0.6475	+1.275	0.093	+0.544	Splice
E		0.9040	N/A	0.080	+0.231	End

Fib-R- Map Event Analyzer Screen



VIS300 Probe works with any OV350 Platform!

OTDR SPECIFICATIONS

Wavelength	850, 1300, 1310, 1550 and 1650 ±20nm
Dynamic Range	26/27dB MM, 32/32dB SM, (1310/1550/1650 PON 37/38/38dB)
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	1,000+
Memory Type	Internal
Power Supply / Charger	USB, 5V 2A
Battery	Li-pol, 10hr typ.
Storage Temperature	-20 to 60 C
Operating Temperature Range	-10 to 50 C
Dimensions	5.25L 6.125x25'H/ (133mm Lx 15/m x64mm H))
Weight	1.5 lbs (0.7 kg)
Communications ports	USB
Connector Styles	Choice of FC, ST, SC
Accessories Provided	5V, 3.4A USB Wall Charge with USB cable, 2 stylus,

VFL SPECIFICATIONS

Emitter Type	Laser
Wavelength	650nm ± 5nm
Laser Safety Class	Class IIFDA21 CFR1040.10 & 1040.11 IEC 825-1: 1993
Connector Type	2.5mm Universal
Output Power	1mW Max.

POWER METER SPECIFICATIONS

Detector Type	InGaAs
Connector Type	ST, FL, SC, 1.25mm and 2.5mm Interchangeable
Dynamic Range	+5 to -77dB (CATV - +25 to -57dB)
Calibrated Wavelengths	850,1300,1310,1490,1550 and 1625nm or 1650nm
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

ORDERING INFORMATION

OV1315	FIS SM OTDR - 1310/1550, SC/APC (32 dB Dynamic Range), PM/VFL
OV8513	FIS MM OTDR - 850/1300, SC/UPC (26 dB Dynamic Range), PM/VFL
OVQUAD	FIS SM/MM OTDR - 850/1300/1310/1550, SC adapters (32/26 dB Dynamic Range), PM/VFL
OVPONL	FIS SM PON OTDR - 1310/1550 + 1650 LIVE, SC/APC, 37 dB Dynamic Range, PM/VFL
OV1315EX	FIS SM OTDR (1310/1550) w/ extended dynamic range 37dB, SC/APC, PM/VFL
OVQUADEX	FIS SM/MM OTDR (850/1300/1310/1550) with extended dynamic range 37dB, SC adapters, PM/VFL
VIS300	Optional Inspection Probe with 2.5mm & 1.25mm Universal Inspection Tips (200x)
Power Requirements	Power through USB connection

LAUNCH REELS

PS13150PYAYA	FIS Launch Reel - 150m, SM (9um) fiber - SC/APC to SC/APC connectors
PS13150PYALU	FIS Launch Reel - 150m, SM (9um) fiber - SC/APC to LC/UPC connectors
PS13150PYAYU	FIS Launch Reel - 150m, SM (9um) fiber - SC/APC to SC/UPC connectors
PS12100PYU8U	FIS Launch Reel - 100m, OM1 (62.5um) fiber - SC to ST connectors
PS12100PYUYU	FIS Launch Reel - 100m, OM1 (62.5um) fiber - SC to SC connectors
PS18100PYULU	FIS Launch Reel - 100m, OM3 (50um) fiber - SC to LC connectors
PS18100PYUYU	FIS Launch Reel - 100m, OM3 (50um) fiber - SC to SC connectors

ACCESSORIES

F17020C	FIS Connector Cleaner Universal Blue Housing w/20' Tape
F16715	FIS Bulkhead Ferrule Cleaner 2.5mm Connectors - Gray Tip
F16716	FIS Bulkhead Ferrule Cleaner 1.25mm connectors - Blue Tip
F1ADPTKIT	FIS Adapter Kit (includes 24 connector adapters for SC, LC, ST, FC, MU)

RELATED PRODUCTS

EZPONMPLUS	FIS Downstream PON Power Meter (1490/1550/1577), SC/APC
EZPM	FIS Easy Tester Power Meter w/ VFL (-70dBm to + 5dBm)
EZPMCATV	FIS Easy Tester CATV Power Meter w/ VFL (-45dBm to +23dBm)
EZLS1315	FIS Light Source - SM (1310/1550nm) w/ VFL
EZLS8513	FIS Light Source -MM (850/1300nm) w/ VFL
EZLSQUAD	FIS Light Source - SM/MM (850/1300/1310/1550nm) w/ VFL