



## Specifications

General Specifications	
Weight	<ul style="list-style-type: none"> <li>Without external battery 2.1 kilograms (4.6 lbs)</li> <li>With external battery 2.8 kilograms (6.2 lbs)</li> </ul>
Dimensions	26.0 x 23.4 x 6.4 centimeters (10.3 x 9.2 x 2.5 inches)
Display	LCD touch screen, 640 x 480 pixels, passive color panel, active area 157.42 mm x 118.06 mm, CCFT back-light and bezel, touch pad
LED indicators	16 (21 with external battery)
Power	
Internal battery	Lithium Ion 10.8V DC (nominal), 2.2Ah
External battery	Lithium Ion 10.8V DC (nominal), 4.7Ah
External AC adapter/battery charger	AC input: 120V - 240V, 50/60Hz, 1.5A DC output: 15V, 3.3A
Ports	
Communication and accessory ports	2 USB, 1 multibus PCMCIA (PC Card type II), 1 DB-9 serial, 1 PS2 compatible key-board, 1 PS2 compatible mouse
Network analysis ports	RJ-45 10/100BASE-T Ethernet, Fiber 100BASE-FX (OptiView Pro, Pro Gigabit), fiber 1000BASE-X GBIC (OptiView Pro Gigabit)
Network Standards	
LAN Interfaces	IEEE 10BASE-T, IEEE 100BASE-TX, IEEE 100BASE-F, IEEE 1000BASE-X
Standard SNMP MIBs Used	RFCs: 1213, 1231, 1239, 1285, 1493, 1512, 1513, 1643, 1757, 2021, 2108, 2115
Media	
Cable Types	<ul style="list-style-type: none"> <li>Unshielded Twisted Pair LAN cables (100 and 120 Ohm UTP category 3, 4, 5, 5E, and 6 ISO/IEC Class C and D)</li> <li>Foil-screened Twisted Pair cables (100 and 120 Ohm ScTP category 3, 4, 5, and 6 ISO/IEC Class C and D)</li> </ul>
Cable Length <sup>1</sup>	Resolution 0.1m (1ft)
Characteristic Impedance	<ul style="list-style-type: none"> <li>50 to 150 Ohms, cables 3-5 m (10-16 ft.) +/- (5 Ohms +10%)</li> <li>50 to 150 Ohms, cables &gt;5 m (16 ft.) +/- (5 Ohms +5%) Resolution: 1 Ohm</li> </ul>



## Specifications

Media Continued	
Receive Level	100 to 5000mVp-p, +/- 5% Resolution: 1 Ohm
Datalink Signal	500mVp-p to 4000mVp-p Resolution: 10mV
Measuring Terminated Cables	Able to analyze individual twisted-pairs of a cable that are terminated into most equipment vendors' Ethernet ports such as on a hub, switch or NIC. All cable tests other than wiremap and office locator ID are operational in the presence of datalink signal.
GBIC Identification	Identifies and operates with the following GBIC module types per SFF Document Number SFF-8053, Gigabit Interface Converter, Rev. 5.4: LX (1300nm), SX (850nm)
Wiremapper/Office Locator Compatibility	Detects combinations of shorts, opens, and connector miswires. Compatible with wire mapper/office locators (also called wire map adapter) labeled for Fluke Networks OptiView analyzer
Open, short or with wire map adapter	1 to 305m (3ft to 1000ft) +/- [2% of reading + 0.3m (1ft)]
Terminated with (15% reflection)	1 to 153m (3ft to 500ft) +/- [5% of reading + 0.3m (1ft)]
Environmental and Safety	
Operating Temperature <sup>2</sup>	10°C to 30°C (50°F to 86°F) with up to 95% Relative Humidity 10°C to 40°C (50°F to 104°F) with up to 75% Relative Humidity
Non-Operating Temperature	-20°C to +60°C (-4°F to +140°F)
Approvals	AC adapter/charger has UL, CSA, and CE approvals or other approvals valid in the USA, Canada, and Europe
Electromagnetic Interference	Complies to EN61326, CLASS B Requirements. Exempt for USA and Canadian emissions regulations if it does not interfere with licensed communications
Shock and vibration	Meets requirements of MIL-PRF-28800F for Class 3 equipment
Laser	Class 1 Laser Product, complies with 21 CFR 1040.10 and 1040.11, CFR(J)
Safety	(CSA) Complies to CSA C22.2 No. 950 Canadian standards), and UL 1950 (US standards) (CE) Complies with European Union directives EN60950 3rd edition and EN61326
EMC	Satisfies requirements of EN61326

<sup>1</sup> Length accuracy is dependent on the actual cable under test matching the cable type selected on the Cable Test/Twisted-Pair detail screen and its NVP (nominal velocity of propagation) matching that of the ideal cable of the selected type.

<sup>2</sup> Battery will not charge below 12° C (53.0° F)