FLUKE MicroScanner 2 wiring verification tester

FL-MS2-100
EAN 0754082054368

MicroScanner2 Cable Verirfier includes MicroScanner2, Main Wiremap Adapter

MicroScanner2 makes it possible to check the mechanical parameters of copper-based cabling, and to detect and locate defects. Universal copper cabling tester. MicroScanner2 has a very wide application in network cabling based on multi-pair cables (UTP, FTP, SSTP - RJ45 connector and RJ12/11 connector), coaxial cables (75 Ω, 50 Ω, 93 Ω - F connector) and single cable pairs. It allows quick verification of the correctness of connections, identification and localization of defects and measurement of the length of individual cable sections. With the help of a tone sampler or remote line identifiers, it allows quick localization of individual connections, individual cable pairs as well as allows maintenance staff to find the correct cable termination in the patch cabinet without errors. In addition to analyzing the physical layer of the cabling, it enables detection of Ethernet signals. MicroScanner2 is an excellent tool for cabling installers as well as maintenance personnel responsible for maintaining even network structures.

MicroScanner2 Series Tester Features:

- Environmental specifications:
- Operating temperature: 0°C to 45°C
- Storage temperature: -20°C to +60°C
- Relative humidity during operation (% RH non-condensing): 90% (10°C to 35°C); 75% (35°C to 45°C)
- Shock and vibration: Random, 2 g, 5 Hz-500 Hz (Class 2),Drop test from a height of 1 m with and without the included connection map adapter
- Safety: IEC 61010-1, third edition
- Altitude of use: 4,000 m; Storage: 12,000 m
- EMC: IEC 61326-1
- General specifications:
- Test connectors:Test connectors: Shielded 8-pin modular jack compatible with 8-pin modular plugs (RJ45) and 4-pin modular plugs (RJ11). MicroScanner 2: F connector for coaxial cable.
- Power:Battery type: 2 AA alkaline batteries (NEDA 15A, IEC LR6)Battery life: 20 hours of typical useOther compatible battery types: 2 AA lithium batteries, NIMH, NICAD
- Dimensions and weight (with batteries installed and connection map adapter included):7.6 cm x 16.3 cm x 3.6 cm, weight 300 g
- Screen:Monochrome LCD display with backlighting
- Test modes:
- It measures length, verifies the connection map, identifies remote ID locators and detects Ethernet ports. MicroScanner also displays the message: HIGH Ω when the cable resistance is greater than 12.5 Ω. All results are displayed on a single screen.
- Technical data:
- Tested cable types: Twisted-pair: UTP, FTP, SSTPCoaxial (MicroScanner2): 75 Ω, 50 Ω, 93 Ω
- Length test: Range: 460 m (1500 ft)
- Resolution: 0.3 m (1 ft)
- Typical accuracy: ± 4% or 0.6 m (2 ft), whichever is greater. NVP uncertainty is an additional error.
- Calibration: user-set NVP for twisted-pair and coaxial cable (MicroScanner2). Can determine actual NVP with known cable length.
- Connection Map Test:Detects faults, short circuits, wiring errors, split pairs and up to seven line adapter IDs. The connection map is drawn with proportional length to visually indicate the approximate location of faults.
- Ethernet Port Detection:Detects the recommended speed of 802.3 Ethernet ports with speeds of 10 Mbps, 100 Mbps and 1 Gbps.
- Tone generator:
- Supports toning and cable mapping with the IntelliTone digital probe. Generates four tones compatible with typical analog probes.
- The SmartTone ™ function provides positive identification of cables in bundles when using an IntelliTone or analog probe.

Package contents

- MS2-100 equipment:
- MicroScanner2 tester
- Remote adapter (FL-MS2-WM, top of tester, also line identifier #1)
- Getting Started Guide on CD (Getting Started Guide)
- Battery type AA (pcs. 2)
- Tester cover

More images:

EU responsible person

EU based economic operator ensuring the product complies with the required regulations.

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