

Fluke Networks MicroScanner™ Cable / PoE Tester



Key features

- Report PoE class (0-8)
- Display network switch speeds capabilities up to 10G
- Ethernet Alliance Certified to IEEE-802.3™ standards
- Display cable length, wiremap and distance to fault
- Locate and trace cable with toning (probe sold separately)

Product overview: Fluke Networks MicroScanner™ Cable / PoE Tester

MicroScanner™ PoE cuts through the confusion of your PoE installation by providing swift and simple PoE verification.

The tester detects the available PoE class (0-8) in accordance to the latest PoE standards and displays the voltage from passive PoE sources. Everything cable technicians need to know, including available services (up to 10G Ethernet), cable length, wiremap, cable ID, and distance to fault are all shown on the LCD screen.

Built-in IntelliTone digital and analog toning precisely locates virtually any cable or wire pair – even on active networks.

The ergonomic design features sleek rubber overmold to enhance grip and ruggedness.

Includes MicroScanner™ POE (Power over Ethernet) cable verifier with detachable wiremap adapter, getting started guide (10 languages), 2 AA alkaline batteries, carry pouch, and one year warranty.

Specifications: Fluke Networks MicroScanner™ Cable / PoE Tester

Specifications apply at 23 °C (73 °F), unless otherwise noted.

| Environmental specifications | |
|---|---|
| Operating temperature | 32 °F to 113 °F (0 °C to 45 °C) |
| Storage temperature | -4 °F to +140 °F (-20 °C to +60 °C) |
| Operating relative humidity (% RH without condensation) | 90 % (50 °F to 95 °F 10 °C to 35 °C) 75 % (95 °F to 113 °F 35 °C to 45 °C) |
| Shock and Vibration | Random, 2 g, 5 Hz-500 Hz (Class 2) 1 m drop test with and without wiremap adapter attached |
| Safety | IEC 61010-1 3rd Edition |
| Altitude | 4,000 m; Storage: 12,000 m |
| EMC | IEC 61326-1 |
| General specifications | |
| Test connectors | Shielded 8-pin modular jack accepts 8-pin modular (RJ45) and 4-pin modular (RJ11) plugs. |
| Power | Battery type: 2 AA (NEDA 15A, IEC LR6) alkaline batteries Battery life: 20 hours of typical use Other compatible battery types: 2 AA photo lithium, NIMH, NICAD |
| Dimensions and weight (with batteries installed and wiremap adapter attached) | 3 in x 6.4in x 1.4 in (7.6 cm x 16.3 cm x 3.6 cm) MicroScanner™ PoE: 10.6 oz (300 g) |
| Display | Monochrome LCD with backlight |
| Test modes | |
| Cable test | Measures length, verifies wiremap, identifies remote ID locators, and detects Ethernet ports. MicroScanner™ PoE also shows HIGH Ω when the resistance of the cable is more than 12.5 Ω . Displays results on one screen. |
| Tone | Generates IntelliTone™ and normal analog toning signals |
| PoE | MicroScanner™ PoE: Solicits and detects the presence of 802.3af, at, bt, and UPOE (Cisco's Universal Power over Ethernet) compatible PoE devices |
| Performance specifications | |
| Cable types tested | Twisted pair: UTP, FTP, SSTP |
| Length test | Range: 460 m (1500 ft) Resolution: 0.3 m (1 ft) Typical accuracy: \pm 4% or 0.6 m (2 ft) whichever is greater. NVP uncertainty is an additional error. Calibration: User-settable NVP for twisted pair. Can determine actual NVP with known length of cable. |
| Wiremap test | Detects single-wire faults, shorts, miswires, split pairs, and up to seven far-end adapter IDs. The wiremap is drawn with proportional length to visually indicate the approximate location of faults. |
| Ethernet port detection | MicroScanner™ PoE: Detects the advertised speed of 802.3 Ethernet ports with speeds of 10 Mbps, 100 Mbps, 1 Gbps, 2.5 Gbps, 5 Gbps, and 10 Gbps. |
| Tone generator | Supports toning and cable mapping with a Fluke Networks digital IntelliTone™ probe. Generates four tones compatible with typical analog probes. SmartTone™ feature gives positive identification of cables in bundles when using an IntelliTone or an analog probe. |

Ordering information



MS-POE

MS-POE Cable Verifier

Includes:

- MicroScanner™ POE (Power over Ethernet) cable verifier with detachable wiremap adapter
- Getting started guide (10 languages)
- 2 AA alkaline batteries
- Carry pouch
- One year warranty

Optional accessories

Description

Fluke Networks Industrial Connector Adapter Kit [Fluke Networks Industrial Connector Adapter Kit](#)

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12/2021

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