

# Industrial Ethernet Cable Tester



MicroScanner™ PoE

## Key features:

- Distance (feet or meters) to fault or cable end
- Works on cables with RJ45 connectors
- Supports Ethernet/IP, PROFINET, ModBus TCP, and other protocols
- Simple to use - Connect cable and press green button
- Graphic display to see the exact problem
- Built-in tone generator to trace cables
- Identifies PoE power that the switch will provide
- Small enough to fit in your tool bag
- Backlit display for dark locations

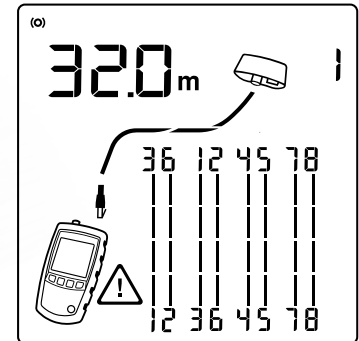
**FLUKE**  
networks



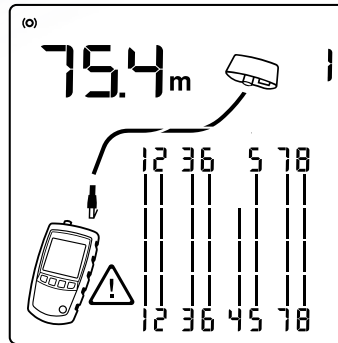
Solve the most common Industrial Ethernet cable problems in **4 seconds**.

## Cable Faults Diagnosed

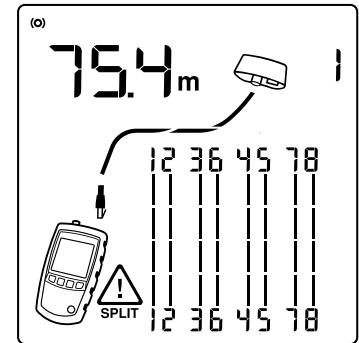
- Open on any wires or shield
- Shorts between 2 or more wires
- Crossed wires
- Crossed pairs
- Split pairs that cause cross talk
- View individual pairs for distance to fault
- Identify inactive and active device and its Ethernet speed



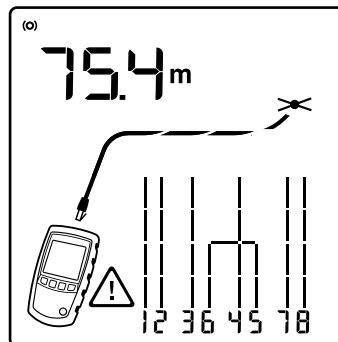
d) Wires 1-2 and 3-6 crossed



a) Open on wire 4 shield



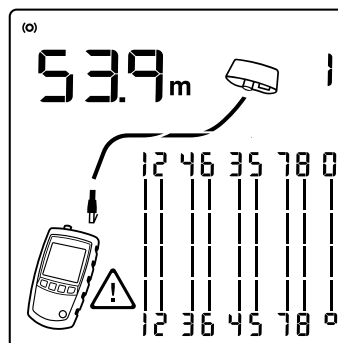
e) Split pairs



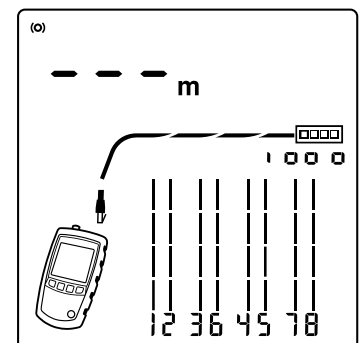
b) Wires 6 and 5 shorted



f) One pair view with distance to short



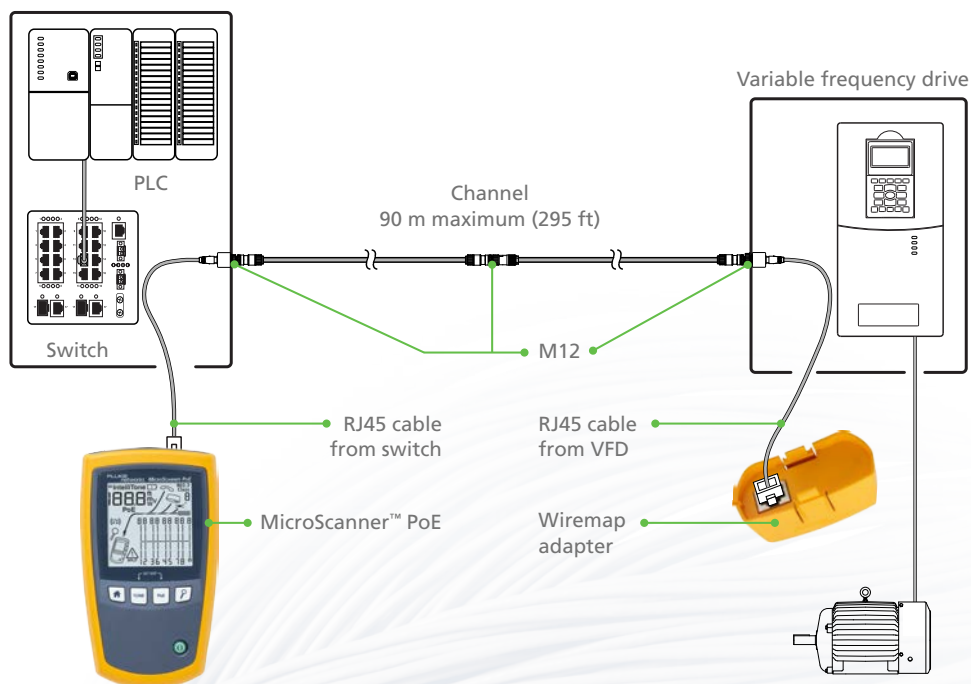
c) Wires 3 and 4 crossed



g) Active switch, 1000 Megabits/sec

# Industrial Ethernet Cable Tester

Connections for channel tests with two RJ45 connectors.



## MicroScanner™ PoE



## MicroScanner™ PoE Ordering Information



### Model: MS-POE

Main unit and wiremap adapter, carrying pouch, batteries and manual



### Model: MS-POE KIT

MS-POE model above plus IntelliTone™ probe to trace cables, magnetic holder, test accessories and carrying bag

## Related products for Industrial Ethernet



### CableAnalyzer™

#### Model: DSX-5-IE-K1

DSX-5000 Industrial Ethernet Kit used to certify and document cable installations. Identify intermittent cable problems found in industrial premises, including susceptibility to EMI.



### Model: OFP-Q-ADD

Fiber optic OTDR module for DSX-5-IE-KIT



### Model: FI-525

Fiber optic video inspection probe with cleaning supplies