Microtest MT350 Scanner

The Microtest MT350 Scanner provides you with fully functional 20 MHz testing. With a comprehensive one-step Autotest, you can troubleshoot your UTP (Categories 1-4) or STP for Near-End Crosstalk (NEXT), Attenuation, Noise, Length and DC Resistance. The Microtest MT350 Scanner can also test your coaxial cable for common problems including, Resistance, Length, Noise and can identify impedance mismatches.

Microtest MT350 Specifications:

- US Part #8100-01
- Europe #8100-02
- Europe with French documents #8100-03
- Europe with German documents #8100-04
- Europe with Spanish documents #8100-05
- UK #8100-06
- Australia #8100-07
- Japan #8100-08
- 110V Transformer #8100-11
- 110V Transformer with Spanish documents #8100-09
- 110V Transformer with French documents #8100-10

Measurement Ports:

- BNC, RJ-45 (10Base-T and Token Ring)
- All four pairs supported and fully operational for all functions

Serial Port:

- Connector and cable: DB-9.Baud rate: 300 to 19,200 baud
- Parity: EVEN/ODD/NONE
- Protocol: XON/XOFF, TRS/CTS

Length:

- Coaxial: Range 20 to 4,000 feet
- Twisted pair: Range 20 to 2,000 feet
- Accuracy: ± 4% plus NVP uncertainty, detects open/short faults, resolution 2 feet

Near-End Crosstalk (NEXT)

- Tests all 6 pair combinations
- User-programmable frequency range from 0.2 to 20 MHz, in steps equal to 100 KHz range +60 to 0 dB
- Accuracy (12-78 pair): ±1.5dB from -40 to 0 dB, ±2dB from -50dB to -40dB, ±3dB from -60dB to -50dB
- Resolution: 0.1dB
- Determines worst case NEXT for all 6 pair combinations

Signal Attenuation:

- Range: -50 to 0 dB
- Accuracy: ±1.5dB from -40 to 0 dB, ±2dB from 50dB to -40dB
- Resolution: 0.1dB
- Determines worst case attenuation on all four pairs over user programmable range, including 256KHz, 512KHz, 768KHz, 1MHz, 2MHz, 4MHz, 5MHz, 8MHz, 10MHz, 16MHz and 20MHz
- Uses one-way test as specified by IEEE/EIA