"Results You Can Count On"

Model 458-LM-HD ADSL2+ Local Loop Simulator

- **Simulates 26 AWG PIC as specified in ANSI T1.417**

- **Bandwidth to 4.5 MHz**

- **8 channels per line module**

  Channel 1: loop lengths programmable from 0 to 31,750 ft in 250-ft increments

  Channel 2 – 8: loop lengths programmable from 0 to 30,000 ft in 2,000-ft increments

- **Plugs into our Model 458-CC-16 (16-slot) or 458-3SLB (3-slot) chassis**

- **Channel-to-channel isolation up to 90dB**

- **Ability to open loop at either end of any channel**

Product Specifications	
Simulation	• Accurately simulates attenuation and impedance • Full bidirectional operation at all specified frequencies • 26 AWG PIC as specified in ANSI T1.417
Bandwidth	DC to 4.5 MHz
Attenuation Accuracy (when source and load impedances are 100 ohms)	• MAE < 1 dB 25 kHz to 4.5 MHz • +/- 1 dB channel-to-channel uniformity
Maximum Attenuation	>90dB
Impedance Accuracy	Typically +/- 10% 25 kHz to 4.5 MHz
Maximum Voltage Tip – Ring	200 V
Maximum DC Current	130 mA
Connectors	8 RJ-45's on front, 8 RJ-45's on back

Specifications are subject to change without notice. Made in USA.