



“Results You Can Count On”

Model 458-LM-HDE ADSL2+ Local Loop Simulator

- Simulates 0.4 mm PE as specified in ETSI TS 101 388
- Bandwidth DC to 4.5 MHz
- 8 channels per line module

Channel 1: loop lengths programmable from 0 to 9,450 m in 150-m increments

Channel 2 – 8: loop lengths programmable from 0 to 9,000 m in 600-m increments

- Ideal for testing DSL Modems and DSLAMs
- Plugs into our 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	<ul style="list-style-type: none"> • Accurately simulates attenuation and impedance • Full bidirectional operation at all specified frequencies • 0.4 mm PE as specified in ETSI TS 101 388
Bandwidth	DC to 4.5 MHz
Attenuation Accuracy (when source and load impedances are 100 ohms)	<ul style="list-style-type: none"> • +/- (6.5 % +1 dB) 25 kHz to 4.5 MHz • +/- 1 dB channel-to-channel uniformity
Maximum Attenuation	>90dB
Impedance Accuracy	Typically +/- 10%
Maximum Voltage Tip – Ring	200 V
Maximum 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.