



**"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 Series (16-slot) or 458-3SL (3-Slot) chassis**
- **Channel-to-channel isolation up to 90dB**
- **Ability to open loop at either end of any channel**



<b>Product Specifications</b>	
<b>Simulation</b>	<ul style="list-style-type: none"> <li>• Accurately simulates attenuation and impedance</li> <li>• Full bidirectional operation at all specified frequencies</li> <li>• 0.4 mm PE as specified in ETSI TS 101 388</li> </ul>
<b>Bandwidth</b>	DC to 4.5 MHz
<b>Attenuation Accuracy (when source and load impedances are 100 ohms)</b>	<ul style="list-style-type: none"> <li>• +/- (6.5 % +1 dB) 25 kHz to 4.5 MHz</li> <li>• +/- 1 dB channel-to-channel uniformity</li> </ul>
<b>Maximum Attenuation</b>	>90dB
<b>Impedance Accuracy</b>	Typically +/- 10%
<b>Maximum Voltage Tip – Ring</b>	200 V
<b>Maximum Current</b>	130 mA
<b>Connectors</b>	8 RJ-45's on front, 8 RJ-45's on back

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