



**"Results You Can Count On"**

## Model 458-LM-E2-36 Simulator



- **Simulates 0.4 mm PE and 0.5 mm PE as specified in ETSI TS 101 388**
- **Bandwidth DC to 36 MHz**
- **Ideal for testing ADSL, ADSL2+, VDSL2 modems/DSLAMs**
- **Sufficient bandwidth for VDSL2 Profile 35b testing**
- **0.4 mm PE: Loop lengths programmable from 0 to 1,575 m in 25-m increments**
- **0.5 mm PE: Loop lengths programmable from 0 to 1,575 m in 25-m increments**
- **Plugs into our 458-CC-16 (16-slot chassis) or 458-3SLB (3-Slot chassis)**
- **Noise Floor less than -150 dBm/Hz**

<b>Product Specifications</b>	
<b>Simulation</b>	<ul style="list-style-type: none"> <li>• Accurately simulates attenuation and impedance</li> <li>• 0.4 mm PE and 0.5 mm PE as specified in ETSI TS 101 388</li> </ul>
<b>Bandwidth</b>	DC to 36 MHz
<b>Attenuation Accuracy (when source and load impedances are 100 ohms)</b>	MAE < 1 dB 25 kHz to 36 MHz
<b>Maximum Attenuation</b>	> 90 dB
<b>Impedance Accuracy</b>	Typically +/- 10% 25 kHz to 36 MHz
<b>Maximum Voltage Tip -Ring</b>	200 V
<b>Maximum Current</b>	130 mA
<b>Connectors</b>	4 RJ-45's on front including 2 for noise injection 4 RJ-45's on back including 2 for noise injection

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