



"Results You Can Count On"

GHN-AT-PROG-UPLC-3-SLOPE 3-Channel Programmable Attenuator

**For Physical-Layer Testing of
G.hn Devices Over Power Lines**



The Model GHN-AT-PROG-UPLC-3-SLOPE 3-Channel Programmable Attenuator is used along with the GHN-SP-UPLC in the PSD Measurement test set up and offers an attenuation range of 1 to 100 dB in 1-dB increments. The Slope filter provides a frequency dependent additional attenuation to more closely emulate the electrical wiring attenuation used in buildings and residences. This will assist with testing G.hn PLC devices more closely to the field deployment environments to compare the data rate vs length of electrical wiring. Software available for control includes a Graphical User Interface (GUI) and a remote command line interface (CLI) for automation testing.

Specifications	
Number of Channels	3
Attenuation Range	1 to 100 dB in 1-dB increments
Frequency Response Uniform	± 0.5 dB from 1 MHz to 100 MHz
Impedance	50 ohm
Connectors	SMA Female Connectors ,50 Ohm
Interface	Mini-B USB
Return Loss	< -15 dB
Power Rating	+20dBm
Slope Filter	1dB +/- 1dB at 1MHz 10dB +/- 1dB at 30MHz 20dB +/- 1dB at 100MHz

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

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Typical Characteristics:
