

Noise Generator for Genus Chassis 50—2500MHz

Atlantic's Noise Generator series 10MHz-2.5GHz 50dB Variable Output Power Noise Generator for use in Genus Chassis. With signal inject port.

- Remote and Local Operation
- 50-2500MHz
- White Symmetrical Gaussian Noise
- Flat Output
- Fine Attenuation Control



RF SPECIFICATIONS

Output Frequency Range		50-2500 MHz
Output Power at 0dB Attenuation		-84 ± 5 dBm/Hz
Output Power at 50dB Attenuation.		-134 ± 5 dBm/Hz
Max Output Power 50MHz-2.5GHz		10 ± 5 dBm
Signal Inject Port Loss		8 dB max
Attenuation Steps (dB)		1.0 ± 0.75 dB
Attenuation change		No signal interruption
Power Flatness	Full Band	±3 dB
Input & Output Return Loss	Typ. Min.	-15 dB -10 dB
Stability		Unconditional
Output Power When Muted		-160 dBm/Hz

RF SPECIFICATIONS

Dimensions/Weight/Colour	1U high x 550mm deep x 19" wide / <10kg / RAL9003—White (Semi-matte)
Capacity	Total of 16 module slots. Note that 1 slot will be used for fan (if required) and 1 slot will be used for Noise Generator.
Temperature	Operating: 0 to 45°C / Storage: -20°C to +75° C
Location/Humidity/Altitude	Indoor use only / 20 to 90% non-condensing / 10,000 feet AMSL (Operational) 30,000 feet AMSL (Storage) Above Mean Sea Level
Control & Monitoring	Local: HMI touch screen Remote: Ethernet via RJ45, 10BaseT/100 BaseTx. TCP/IP, SNMP V3 & HTTPS & Web browser interface HMI and CPU field replaceable.
MTTR	20 minutes (15 minutes to retrieve spare part and 5 mins to replace) Applies to LRUs only and assumed in house stock
AC input / Consumption	85-264Vac 50/60Hz / 150W
PSU Redundancy	Dual redundant and alarmed Diode OR. Hot swappable
Input & Output ports	Dependant upon module fitted
No. of modules per chassis	16 Max. Module 1 slot wid

