

CANTADA



Constellation CMNS-1 Broadband Noise Generator

Advantages

- ✓ Base station broadband signal reference
- ✓ Reference for System Sweeps
- ✓ Adjustable Output levels
- ✓ Chassis mounted, rack mounted, and DC stand-alone versions
- ✓ Ideal for Satcom L-band systems, CATV Forward, and Return paths
- ✓ Identify poorly terminated systems and deteriorating cables

Details

The Cantada Module Noise Source (CMNS) Broadband Noise Generator integrates diode generated white Gaussian noise. The broadband Gaussian noise is amplified and has an adjustable output. The CMNS is ideal for sweeping systems when traditional Spectrum Analyzer tracking generator or Network Analyzers are not practical. A distant end Spectrum Analyzer with averaging enabled can identify standing waves produced by unterminated or badly terminated connections. Loose or corroded cable terminations will produce visible signal fluctuations due to impedance mismatches.

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Satellite Solutions



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Specifications

CM Noise Source

Output Level (MAX)	-25 dBm
Output Level (MIN)	-65 dBm
Frequency	900 to 2200 MHz (5 MHz to 3 GHz)
Flatness	+/-2 dB (Flatness not specified outside of Frequency Range)
Impedance	75 ohms
Isolation	>55 dB to adjacent module in SE-12 Chassis
ON/OFF	Front Panel Control
ON/OFF	Front Panel Indicator

MADE IN THE USA