

**MODEL NUMBER:**  
**SG1G**

**Spectrum  
Generator**



### DESCRIPTION:

The SG1G Spectrum Generator is used for EMI, RFI and EMC Applications. It can be used for CISPR 16-1-1 receiver test using a 100 Hz pulse frequency along with 60 dB $\mu$ V indication. The slow pulse frequency levels reveals a narrow band due to a tight spectrum. The SG1G can also provide fast pulse frequencies for strong receiver levels with high site-attenuation. Plug it straight into the antenna of choice without cables.

### FEATURES

- Small and powerful comb generator
- No cables needed
- Simple generation of calibration field strengths
- Different pulse frequencies for different measuring
- Use for CISPR16-1-1 receiver test

### SPECIFICATIONS

Frequency Range:	30-1000 MHz
Pulse Frequencies:	100 Hz, 1 kHz, 10 kHz, 100 kHz and 1 MHz
Pulse Voltage 50 ohm load:	24 V
Pulse Duration:	.75 ns
Indication on CISPR 16-1-1:	60 dB $\mu$ V
Connector Type:	N Type Female
Dimensions (WxHxD inches):	9 X 2.7 X 2.6
Weight:	2 lbs

### OPTIONAL ACCESSORIES

- BA-CISPR16 - Biconical Antenna For CISPR 16
- BA330MEP- Portable Biconical Antenna 20 MHz - 330 MHz
- BA1G- Bicone Antenna 30 MHz - 1 GHz
- WT1.5 - Wood Tripod