

5GHz to 11GHz

Features

- PCB sub assembly with high quality SMA bulkhead
- flat output, typically 20dB ENR 5GHz to 11GHz (-94dBm/MHz)
- 11v – 15v drive with reverse polarity protection

Applications

- R&D
- receiver and system sensitivity checks
- quick look test equipment frequency response checks

Electrical specifications at 20°C

model	Frequency (GHz)		ENR (dB)		Output flatness (±dB)	50 Ω VSWR (:1) on / off max	DC power	
	min	max	min	max			Volt	Current mA max
XGen	5.0	11.0	18.0	22.0	1.5	3	11-15.0	12.0



↑
+11-15v

↑
0v

Maximum ratings

Storage temperature	-30°C to + 70°C
Operating temperature	-10°C to +35°C
DC Voltage	+16.0V
RF reverse power	+20dBm at the output SMA

PCB dimensions: 35mm by 16mm excluding SMA output socket.

RF Design

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Noise source application notes available at www.g8fek.com