

R347B Millimeter-Wave Noise Source, R-Band

Frequency range	26.5 to 40 GHz
Excess noise ratio (ENR) range	26.5 to 40 GHz: 14 to 17 dB
Maximum SWR (reflection coefficient)	Source off: < 1.42 (0.17) Source on: < 1.31 (0.13)
Power required	28 V \pm 1 V (automatically supplied by the Keysight 8970B noise figure meter)
Maximum reverse power	100 mW
Connectors	Bias: BNC (f) Noise output: R-band waveguide G-599/U flange
ENR variation with voltage	< 0.005 dB/V
ENR variation with temperature	< 0.009 dB/°C
Switching speed	< 10 μ s
Operating temperature	0 to 55 °C
Dimensions	52 mm x 108 mm x 60 m (2.1 in x 4.3 in x 2.4 in)
Net weight	0.21 kg (0.46 lb)
Shipping weight	0.36 kg (0.80 lb)

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