

R347B Millimeter-Wave Noise Source, R-Band

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| 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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