



R347B Millimeter-Wave Noise Source, R-Band

Data Sheet

Frequency Range:

26.5 to 40 GHz

Excess Noise Ratio (ENR) Range:

26.5 to 40 GHz: 10 to 13 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 Agilent 8970B Noise Figure Meter)

Maximum Reverse Power:

100 mW

Connectors:

Bias: BNC (f)

Noise Output:

Q-Band Waveguide

G-599/U Flange

ENR Variation with Voltage:

<0.005 dB/V

ENR Variation with Temperature:

<0.009 dB/ $^{\circ}$ C

Switching Speed:

<10 μ s

Operating Temperature:

0 to 55 $^{\circ}$ 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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