



8491A Coaxial Fixed Attenuator

Data Sheet

Frequency Range: dc to 12.4

Connector: Type-N, male and female

Maximum SWR 1.2 to 8 GHz

1.3 to 12.4 GHz

Maximum Input Power: 2 W average, 100 W peak¹

Attenuation Accuracy (dc to 12.4) 3 dB: ± 0.3

6 dB: ± 0.3

10 dB: ± 0.5

20 dB: ± 0.5

30 dB: ± 1.0

40 dB: ± 1.5

50 dB: ± 1.5

60 dB: ± 2.0

¹At 20 °C derated to 1.3 W average at 55 °C.

Option 890 Specifications

Calibration Frequency: 0.2 GHz to 12.4 GHz in 200 MHz steps

Supplemental Characteristics

Temperature Stability: 0.0001 dB/dB/°C

Power Sensitivity: 0.001 dB/dB/W

Environmental Specifications

Temperature Non-Operating: -55 °C to +85 °C

Operating: 0 °C to +55 °C

EMC: Radiated interference is within the requirements of MIL STD 461 method RE02, VDE 0871 EN55011 and FCC part 18.

Dimensions: 67 mm x 21 mm (2 7/16 in x 13/16 D in)

Weight Net: 110 g (4 oz) Shipping: 220 g (8 oz)



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