

8491B Coaxial Fixed Attenuator



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| | | |
| Frequency range | DC to 12.4 GHz | |
| Connector | Type-N, male and female | |
| Maximum SWR: | 1.25 to 8 GHz 1.35 to 12.4 GHz | |
| Maximum input power | 2 W average, 100 W peak ¹ | |
| Attenuation accuracy (DC to 12.4) | 3 dB | ±0.3 dB |
| | 6 dB | ±0.3 dB |
| | 10 dB | ±0.5 dB |
| | 20 dB | ±0.5 dB |
| | 30 dB | ±1.0 dB |
| | 40 dB | ±1.5 dB |
| | 50 dB | ±1.5 dB |
| | 60 dB | ±2.0 dB |
| 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) |

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

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