

8491B Coaxial Fixed Attenuator



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
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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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