

# Keysight 8491B

## Coaxial Fixed Attenuator

### Data Sheet



Frequency range:	DC to 18 GHz	
Connector:	Type-N, male and female	
Maximum SWR:	1.2 to 8 GHz	
	1.3 to 12.4 GHz	
	1.5 to 18 GHz	
Maximum input power:	2 W average, 100 W peak <sup>1</sup>	
Attenuation accuracy:	3 dB	DC to 12.4 GHz: $\pm 0.3$ dB 12.4 to 18 GHz: $\pm 0.3$ dB
	6 dB	DC to 12.4 GHz: $\pm 0.3$ dB 12.4 to 18 GHz: $\pm 0.4$ dB
	10 dB	DC to 18 GHz: $\pm 0.6$ dB
	20 dB	DC to 12.4 GHz: $\pm 0.6$ dB 12.4 to 18 GHz: $\pm 1.0$ dB
	30 dB	DC to 18 GHz: $\pm 1.0$ dB
	40 dB	DC to 18 GHz: $\pm 1.5$ dB
	50 dB	DC to 18 GHz: $\pm 1.5$ dB
60 dB	DC to 18 GHz: $\pm 2.0$ dB	

### Environmental Specifications

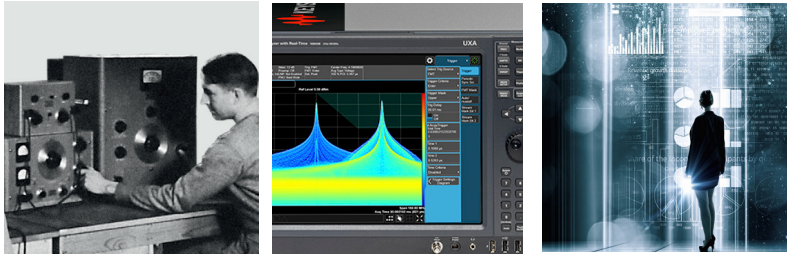
Temperature	Non-operating:	55 °C to +85 °C
	Operating:	0 °C to +55 °C
EMC:	Radiated interference is within the requirements of MIL STD 461 method RE02, VDE 0871 EN55011 and FCC	
Dimensions:	67 mm x 21 mm (2 7/16 in x 13/16 D in)	
Weight	Net:	110 g (4 oz)
	Shipping:	220 g (8 oz)

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

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