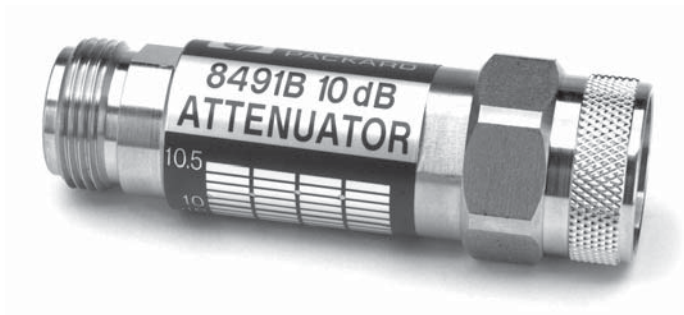


# Agilent 8491B Coaxial Fixed Attenuator

## Data Sheet

Frequency range:	DC to 18 GHz
Connector:	Type-N, male and female
Maximum SWR:	1.25 to 8 GHz 1.35 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

