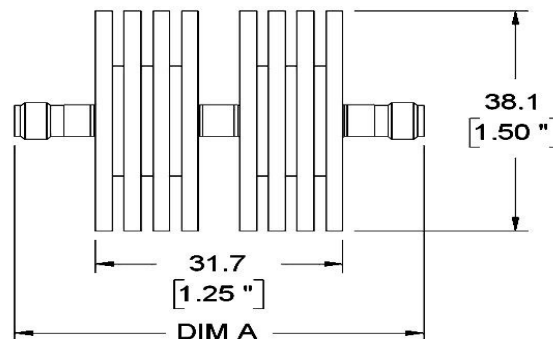


Fixed Coaxial Attenuator

MODEL WA76

DC – 40.0 GHz

10 WATTS



Features

- ▶ **Compact Construction** – Low size/power ratio.
- ▶ **Precision 2.92mm connectors.**
- ▶ **Flat Response.**

Specifications

Nominal Impedance: 50 ohms.

Frequency Range: DC to 40.0 GHz.

Nominal dB Values: 6, 10, 20, 30 dB.

Power Rating: 10 watts average to 25°C ambient temperature, derated linearly to 0 Watts @ 125°C. 200 watts peak (5 µsec pulse width; 1.25% duty cycle).

Power Sensitivity: <0.005 dB/dB/W.

Temperature Coefficient: <0.0004 db/dB/°C.

Temperature Range: -55°C to 125°C.

Standard Nominal Values and Deviations:

Attenuation (dB)	Accuracy ± dB	
	DC – 18.0 GHz	18.0 – 40.0 GHz
6, 10, 20, 30	1.00	1.75

Calibration: Insertion Loss and VSWR performed across frequency range. Calibration test data available at additional cost.

Connectors: 2.92mm (Male/Female) connectors – mate nondestructively with SMA per MIL-PRF-39012, 3.5mm and other 2.92mm connectors.

Construction: Black finned aluminum alloy body. Stainless steel connector body with gold plated beryllium copper contacts.

Maximum VSWR:

Frequency (GHz)	VSWR
DC – 18.0	1.25
18.0 – 40.0	1.40

Physical Dimensions:

Length:

Connector	Dimension A
2.92mm M/F	68.6 (2.7)
2.92mm M/M	71.1 (2.8)
2.92mm F/F	66.1 (2.6)

Diameter: 38.10 (1.50).

Weight: 145g (5 oz) maximum

Note: Dimensions are given in mm (inches) and are maximum, unless otherwise specified.



WEINSCHEL ASSOCIATES

TEL: 877.948.8342 / 301.963.4630 ♦ Fax: 301.963.8640

WEB: <http://www.WeinschelAssociates.com>

EMAIL: sales@WeinschelAssociates.com