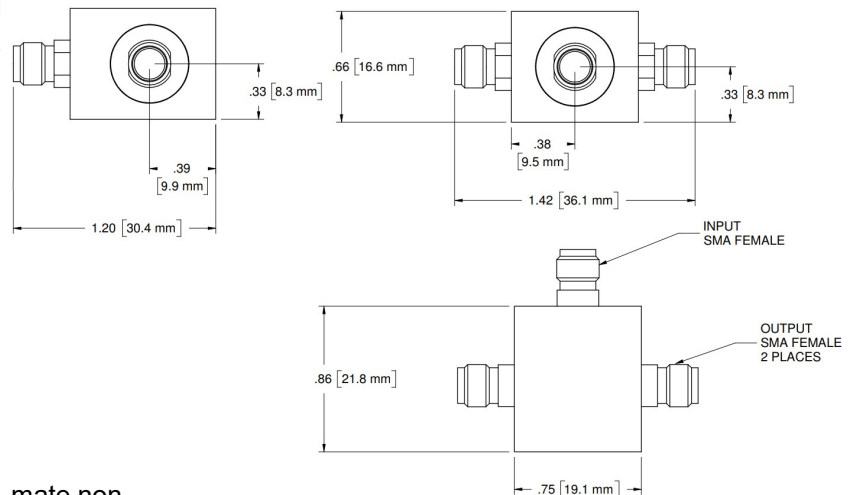


Broadband Resistive Power Divider WA1549R

DC - 4.0 GHz

1 WATT



Features

Female SMA connectors for all ports, mate non-destructively with other SMA, 2.92mm and 3.5mm connectors. Optional male connectors are available. Designed to meet MIL-DTL-3933 environmental specification.

Unit may be mounted in any position.

Specifications

Nominal Impedance: 50 ohms.

Frequency Range: DC - 4.0 GHz

Power Coefficient: < 0.005 dB/dB/W

Power Rating: 1 W maximum average rated power to 25°C ambient temperature, de-rated linearly to 0.1 W at 125°C. 1 kW peak power (5 µsec pulse width, 0.05% duty cycle).

Temperature Range: -55°C to +125°C.

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

Construction: Nickel plated brass body; stainless steel connectors; gold plated beryllium copper contacts. RoHS Compliant.

Phase Tracking : < 4°

Insertion Loss: 6 dB nominal, 6.5 dB maximum (between input and either output).

Maximum Amplitude Tracking:

Frequency Range (GHz)	Tracking (dB)
	WA1549R
DC - 4.0	< 0.15

Maximum VSWR:

Frequency (GHz)	VSWR
	WA1549R
DC - 4.0	1.25

Dimensions:

Weight:	0.05 (1.76)
Length:	34.54 (1.36)
Width:	17.27 (0.68)
Height:	30.48 (1.2)

Note: Dimensions are given in mm (in), or g (oz). Weight figure is nominal, with our standard connector configuration. Additional connector options may be available.