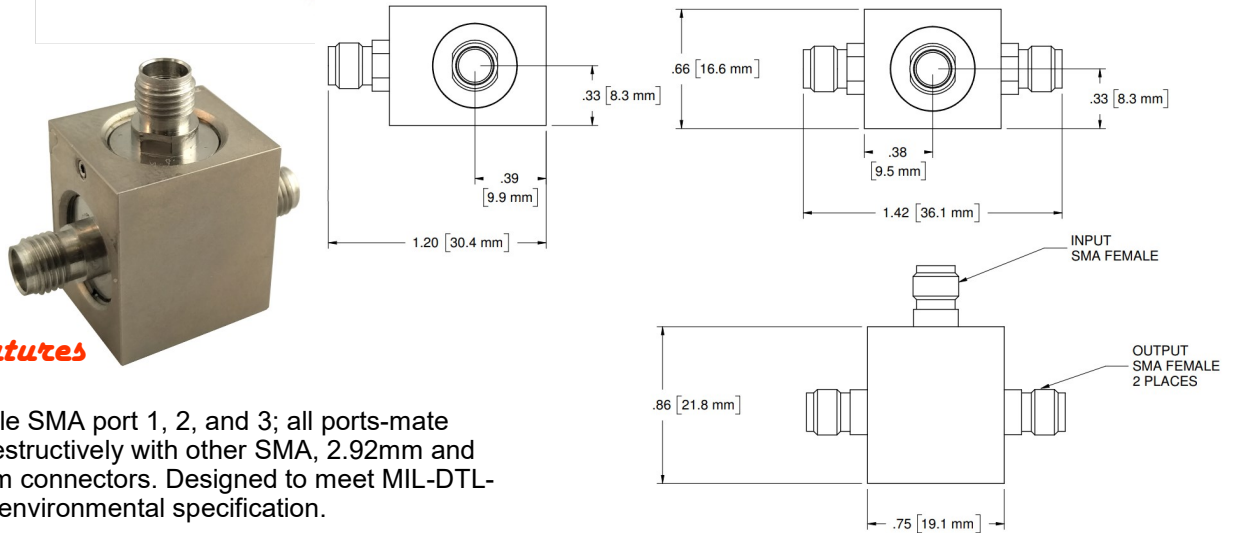


Broadband Resistive Power Splitter WA1507R-1

DC - 4.0 GHz

1 WATT



Features

Female SMA port 1, 2, and 3; all ports-mate nondestructively with other SMA, 2.92mm and 3.5mm connectors. 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 Sensitivity: < 0.005 dB/dB/W;
Unidirectional in power.

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

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).

Amplitude Tracking: < 0.15 dB

Maximum VSWR:

Frequency (GHz)	Output VSWR	Input VSWR
DC - 4.0	1.15	1.2

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.