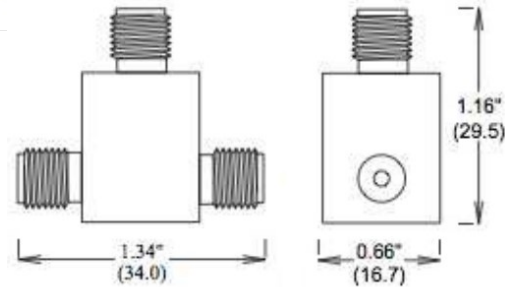


Broadband Resistive Power Divider WA1515-1

DC - 18.0 GHz

1 WATT



Features

Female SMA port 1, 2, and 3; all ports-mate non-destructively 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 - 18.0 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 usec 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 Shift: ±2° nominal between output ports, ±5° maximum.

Insertion Loss: 6 dB nominal, -0.2, +1.2 dB maximum to 10.0 GHz; +1.5 dB maximum to 18 GHz.

Maximum Amplitude Tracking

Frequency Range (GHz)	Tracking (dB)
	WA1515-1
DC - 4.0	0.2
4.0 - 10.0	0.4
10.0 - 18.0	0.5

Maximum VSWR:

Frequency (GHz)	VSWR
	WA1515-1
DC - 10.0	1.25
10.0 - 18.0	1.35

Dimensions:

Weight:	00.05(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.