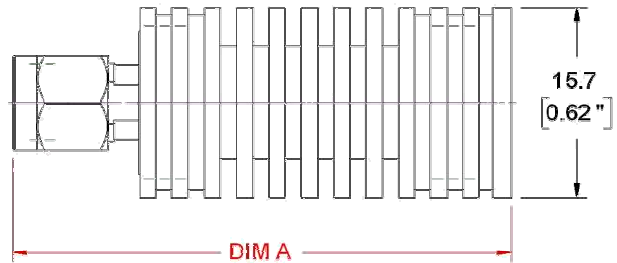


TERMINATION

MODEL WA1419

DC – 18.0 GHz

10 WATTS



Model WA1419-2 Shown

Features

Stainless steel M/F SMA connectors per MIL-STD-348A, interface dimensions mate non-destructively with MIL-PRF-39012. Compact design for one of the lowest size/power ratios available. 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 Rating: 10 watts average. Maximum rated average power to 25°C ambient temperature, de-rated linearly to 0.5 watts at 125°C. 1 kilowatt peak (5 µsec pulse width; 0.05% duty cycle).

Temperature Range: -55°C to +125°C

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

Construction: Black aluminum alloy body with passivated stainless steel connectors. Gold plated beryllium copper contacts.

Maximum VSWR

Frequency (GHz)	VSWR
DC – 8.0	1.20
8.0 – 12.4	1.30
12.4 – 18.0	1.35

Weight: 0.014 kg/ 5 oz.

Physical Dimensions:

Length:

Connector	Dimension A
WA1419-1	39.4 (1.55)
WA1419-2	41.4 (1.63)

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



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