

Termination

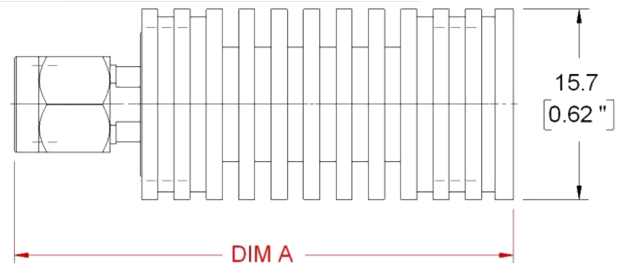
WA1419

WA1419/6: DC – 6.0 GHz

WA1419/12: DC – 12.4 GHz

WA1419: DC – 18.0 GHz

10 WATTS



Features

Type SMA stainless steel M/F connector per MIL-STD-348A, interface dimensions mate nondestructively with MIL-PRF-39012. Designed to meet MIL-DTL-3933 environmental specification. Unit may be mounted in any position.

Specifications

Nominal Impedance: 50 ohms.

Frequency Range: WA1419: DC - 18.0 GHz.
WA1419/6: DC - 6.0 GHz.
WA1419/12: DC - 12.4 GHz.

Power Rating: 10 W maximum rated average power at 25°C, de-rated linearly to 0.5 W at 125°C. 1 kW peak power (5 µsec pulse width, 0.5% duty cycle).

Temperature Range: -55°C to +125°C.

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

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

Option: Chain.

Maximum VSWR:

Frequency (GHz)	VSWR		
	WA1419	WA1419/6	WA1419/12
DC - 8.0	1.2	1.2	1.2
8.0 - 12.4	1.3	N/A	1.3
12.4 - 18.0	1.35	N/A	N/A

Dimensions and Weight (both models):

Dimension	Connector Type	
	SMA (F), -1	SMA (M) -20
Length (Dim A)	39.4 (1.55)	41.4 (1.63)
Weight (nominal)	9.9 (0.35)	9.9 (0.35)

Diameter: 15.7 (0.62)

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.

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