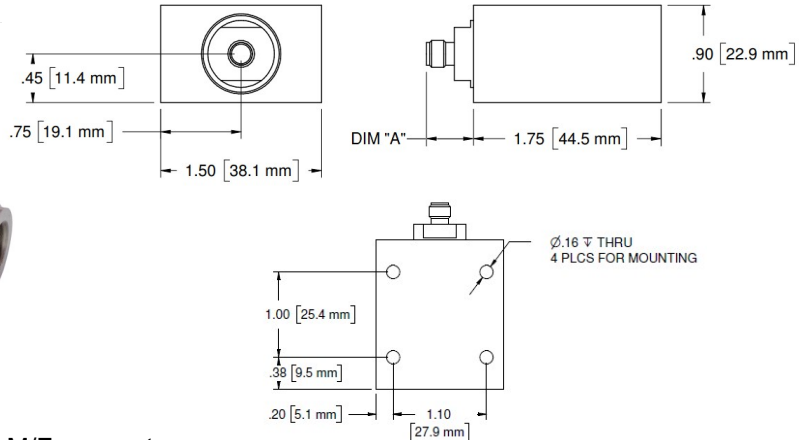


Termination

WA1421

WA1421/4: DC – 4.0 GHz
WA1421: DC – 8.5 GHz

25 WATTS



Features

SMA, N-type or TNC 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: WA1421: DC - 8.5 GHz.
WA1421/4: DC - 4.0 GHz.

Power Rating: 25 W maximum rated average power with case temperature held to +100°C using conductive heat sink. 5 kW peak power (5 µsec pulse width, 0.25% duty cycle).

Temperature Range: -55°C to +100°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.

Maximum VSWR:

Frequency (GHz)	VSWR	
	WA1421	WA1421/4
DC - 4.0	1.2	1.2
4.0 - 8.5	1.3	N/A

Dimensions:

Connector Type (- code)	Length
	Dimension 'A'
SMA F -01	9.8 (.39)
SMA M -02	10.9 (.43)
N-Type F -03	14.9 (.59)
N-Type M -04	22.7 (.89)
TNC F -05	14.4 (.57)
TNC M -06	17.7 (.70)

Weight: 0.17 (6.0)
Height: 22.90 (0.9)
Width: 38.1 (1.5)

Note: Dimensions are given in mm (in), or kg (oz). Weight figure is nominal, with our standard connector configuration.

Low Intermodulation Option: Add -LIM after connector option to specify low intermodulation attribute.

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Specification