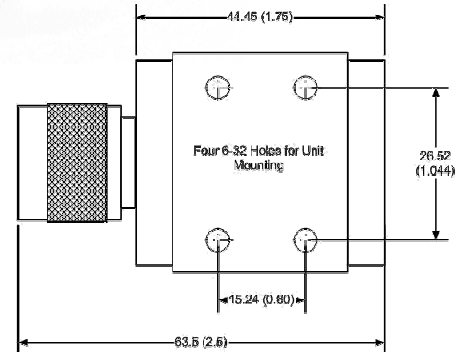
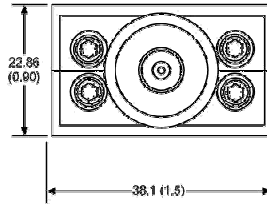


# TERMINATION Low-Profile Mountable

# Model WA1421/4 & WA1421

DC—4.0 GHz WA1421/4  
DC—8.5 GHz WA1421

25 Watts  
25 Watts



## Features

Designed to meet environmental requirements of MIL-DTL-39030. Conductive cooling.

## Specifications

**Nominal Impedance:** 50 ohms

**Frequency Range:**

WA1421/4 DC - 4.0 GHz  
WA1421 DC - 8.5 GHz

**Power Rating:** 25 watts average, 5 kilowatt peak (5  $\mu$ sec pulse width; 1.5% duty cycle) with case temperature held to +100°C maximum using conductive heat sink.

**Temperature Range:** -55°C to +125°C

**Temperature Coefficient:** < 0.0004 dB/dB/°C

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

**Construction:** Aluminum alloy body with passivated stainless steel connectors. Gold plated beryllium copper contacts.

**Maximum VSWR:**

Frequency (GHz)	VSWR
DC – 4.0	1.20
4.0 – 8.5	1.30

**Connectors:** Type N or SMA, stainless steel M/F connectors per MIL-STD-348A, interface dimensions mate nondestructively with MIL-PRF-39012.

**Weight:**

Type N .17 kg/ 6 oz.

**Physical Dimensions:**

**Length:**

Connector Type	Length
Type N	78.7 (3.1)
SMA	71.1 (2.8)

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



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Specification  
Subject to change  
without notice