

Model 1441 Medium Power Coaxial Termination

dc to 4.0 GHz
50 Watts

Conduction Cooled



Features

- /// **Compact Construction** - Lowest size/power ratio.
- /// **Rugged Construction** - Quality connector with special high temperature support bead.
- /// **Ideal for Wireless Applications.**

Specifications

NOMINAL IMPEDANCE: 50 Ω

FREQUENCY RANGE: dc to 4.0 GHz

MAXIMUM SWR:	
Frequency (GHz)	SWR
dc - 4	1.15

POWER RATING: 50 watts **average**, 5 kilowatts **peak** (5 μsec pulse width; 0.5% duty cycle) with case temperature held within **100°C maximum** with appropriate conductive heatsink.

TEMPERATURE RANGE: -55°C to 100°C case.

TEST DATA: SWR Testing performed across the frequency band. Test data is available at additional cost.

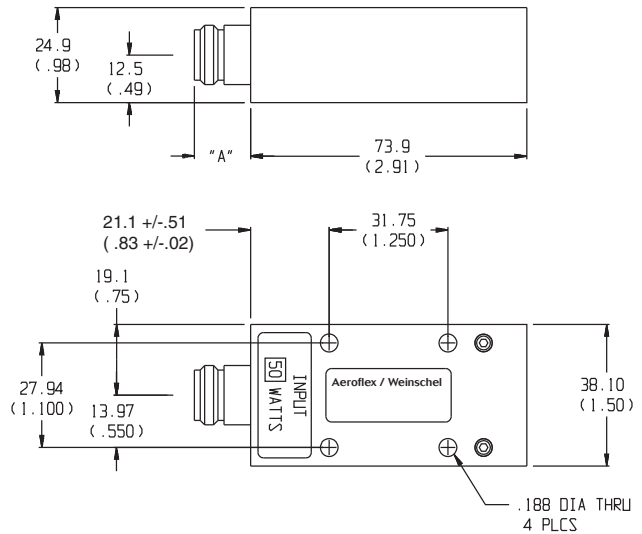
CONNECTOR: Type N connector per MIL-STD-348 interface dimensions - mates nondestructively with MIL-C-39012 connector. Choice of male (-4) or female (-3) connector.

CONSTRUCTION: Aluminum alloy body, stainless steel connector; gold plated beryllium copper contacts.

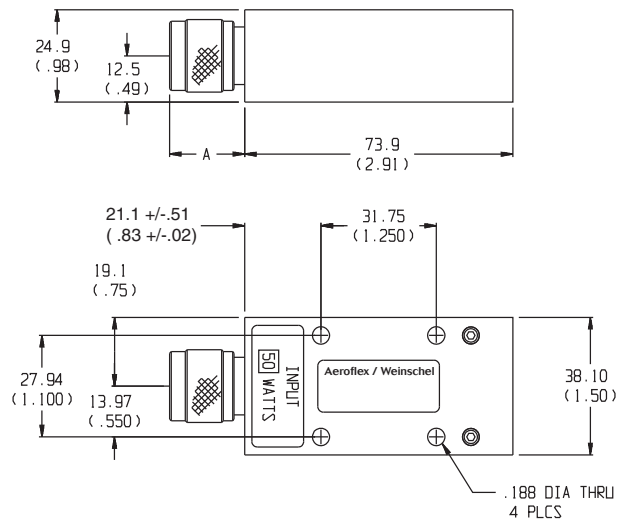
WEIGHT: Net 170g (6 oz.) maximum

PHYSICAL DIMENSIONS:

Model 1441-3:



Model 1441-4



Model #	DIM A	Connector Type
1441-3	15.0 (0.59)	N female
1441-4	22.9 (0.90)	N male

NOTE:

1. All dimensions are given in mm (inches) and are maximum, unless otherwise specified.
2. Unit available with RoHS compliant materials, specify when ordering.