

Model 1456 High Power Coaxial Termination

dc to 3.0 GHz
1,000 Watts

Convection Cooled



Features

- /// Quality Type N connectors with special high temperature support beads.
- /// Designed to meet environmental requirements of MIL-D-39030.
- /// Low Intermodulation Distortion Design

Specifications

NOMINAL IMPEDANCE: 50 Ω

FREQUENCY RANGE: dc to 3.0 GHz

MAXIMUM SWR:	
Frequency (GHz)	SWR
dc - 1.5	1.15
1.5 - 3.0	1.25

POWER RATING: 1,000 watts average (assuming unobstructed air flow and natural convection around unit) to 25°C ambient temperature, derated linearly to 100 watts @ 125°C. 10 kilowatt peak (5 μsec pulse width; 5% duty cycle).

TEMPERATURE RANGE: -55°C to +125°C with Power derating applied.

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

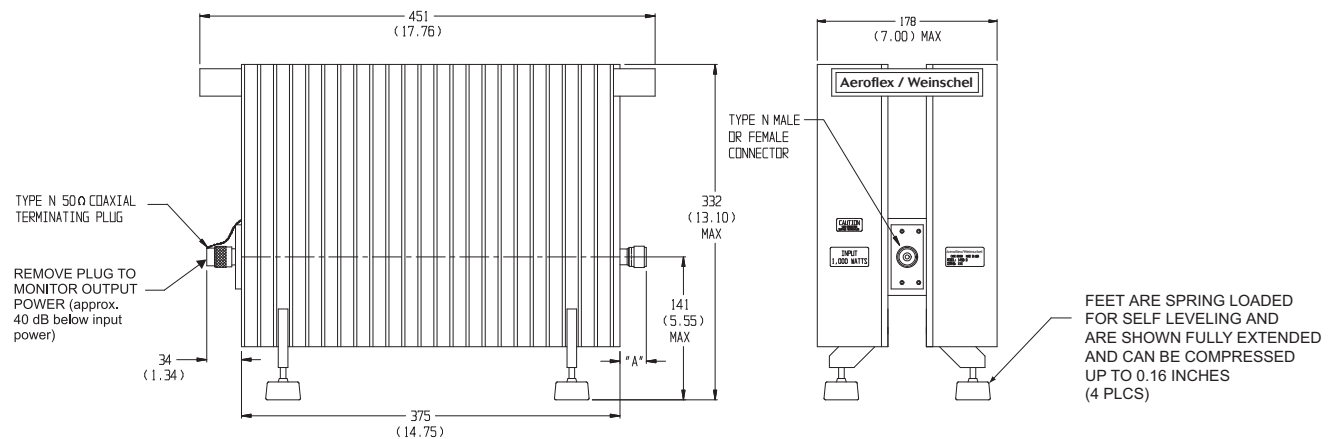
CONNECTOR: Type N connectors - mate nondestructively with MIL-C-39012 connector.

Connector Options	Type/Description
3	Type N, Female
4	Type N, Male

CONSTRUCTION: Black, finned aluminum body, stainless steel or silver plated brass connectors with gold plated beryllium copper or silver plated contacts.

WEIGHT: Net 13 kg (28.7 lbs) maximum

PHYSICAL DIMENSIONS:



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.

Model #	DIM A	Connector Type
1456-3	15.0 (0.59)	N female
1456-4	22.9 (0.90)	N male