Model 1456
High Power, N Connectors
Convection Cooled

dc to 3.0 GHz
1,000 Watts

RoHS



Features

- **Quality Type N connectors with special high temperature support beads.**
- **Designed to meet environmental requirements of MIL-D-39030.**

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: Swept data plots of SWR from 50 MHz to 3 GHz is available at additional cost.

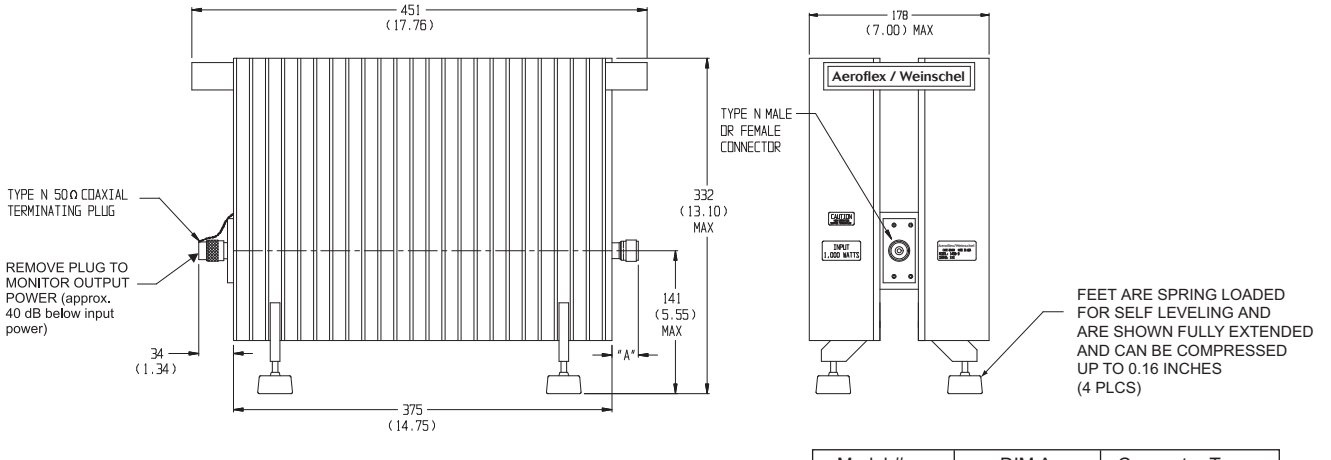
CONNECTOR: Type N connectors - mate nondestructively with MIL-C-39012 connector.

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:



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

NOTE: All dimensions are given in mm (inches) and are maximum, unless otherwise specified.

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