

Model 1439

High Power, N or SMK Connectors

Conduction / Convection Cooled

dc to 2.5 GHz

150 Watts

☒ **RoHS**



Features

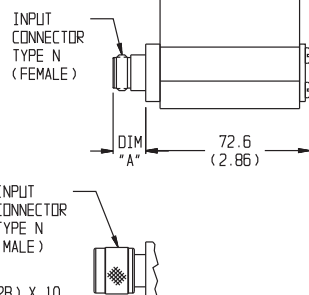
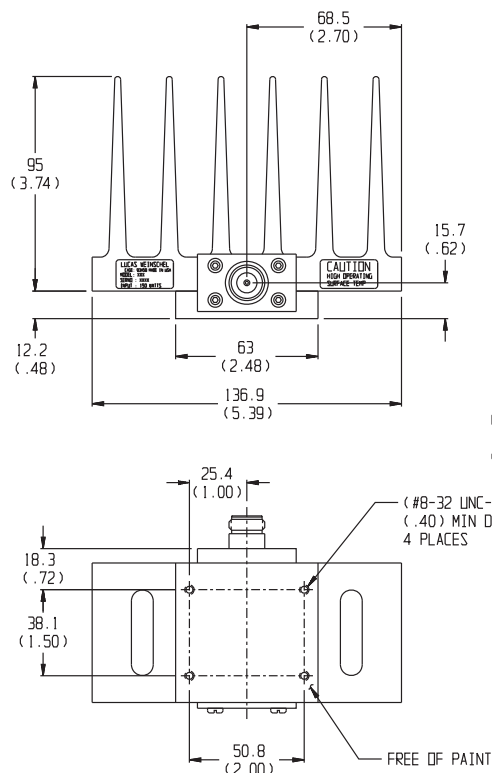
- /// **Compact Construction** - Lowest size/power ratio.
- /// **Flexible Mounting Position** - The units may be mounted in horizontal (fins up) or vertical position.
- /// **Rugged Construction** - Quality connector with special high temperature support bead.

Specifications

NOMINAL IMPEDANCE: 50 Ω

FREQUENCY RANGE: dc to 2.5 GHz

PHYSICAL DIMENSIONS:



MAXIMUM SWR*:	
Frequency (GHz)	SWR
dc - 2.5	1.20

POWER RATING: 150 watts average (mounted horizontally or vertically assuming unobstructed air flow and natural convection around unit), 10 kilowatts peak (5 μ sec pulse width; 0.75% duty cycle). Case temperature must be held to **100°C maximum**.

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

TEST DATA: Swept data plots of SWR from 50 MHz to 2.5 GHz is available at additional cost.

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

SMK (2.92mm) connector mates nondestructively with SMA per MIL-C-39012, 3.5mm and other 2.92mm (SMK) connector. Choice of male (-2) or female connector (-1).

CONSTRUCTION: Black, finned aluminum body, stainless steel connector; gold plated beryllium copper female contact or stainless steel male contact.

WEIGHT: 850 g (1 lb, 14 oz)

Model #	DIM A	Connector Type
1439-1	12.7 (0.50)	2.92mm female
1439-2	14.0 (0.55)	2.92mm male
1439-3	15.0 (0.59)	N female
1439-4	22.9 (0.90)	N male

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