

# Model 1425

## Medium Power, N Connectors

# DC to 12.4 GHz

## 10 Watts

 **RoHS**

**TEMPERATURE RANGE:** -55°C to +125°C

**TEST DATA:** Swept data plots of SWR from 50 MHz to 12.4 GHz is available at additional cost.

**CONNECTOR:** Type N connector per MIL-STD-348 interface dimensions - mate nondestructively with MIL-C-39012 connector.

Connector Options	Type/Description
1425-3	Type N, Female
1425-4	Type N, Male

### Features

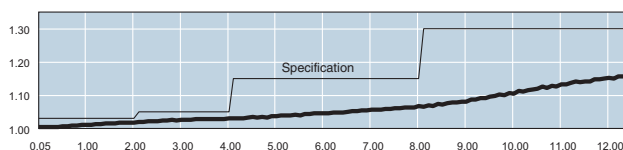
- /// **Quality Connectors** - Choice of male or female N connector that mate nondestructively with connector manufactured in accordance with MIL-C-39012.
- /// **Rugged Construction.**

### Specifications

**NOMINAL IMPEDANCE:** 50 Ω

**FREQUENCY RANGE:** DC to 12.4 GHz

MAXIMUM SWR:	
Frequency (GHz)	SWR
DC - 2	1.03
2 - 4	1.05
4 - 8	1.15
8 - 12.4	1.30

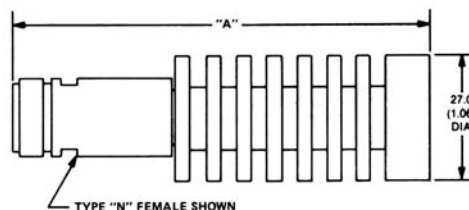


Typical 1425-4 SWR Performance

**POWER RATING:** 10 watts average (mounted horizontally) @ 25°C ambient temperature, derated linearly to 0 watts @ 125°C. 1 kilowatt peak (5 μsec pulse width; 0.5% duty cycle).

**CONSTRUCTION:** Black, finned aluminum body, stainless steel connector; gold plated beryllium copper contacts

**WEIGHT:** Net 110 g (4 oz)

**PHYSICAL DIMENSIONS:**


Model #	DIM A	Connector Type
1425-4	84.58 (3.33)	N, male
1425-3	86.36 (3.40)	N, female

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