

## Model 1425 Medium Power Coaxial Termination

dc to 12.4 GHz  
10 Watts

Type N Connector

**RoHS**



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

**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 - mate nondestructively with MIL-C-39012 connector.

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

### Features

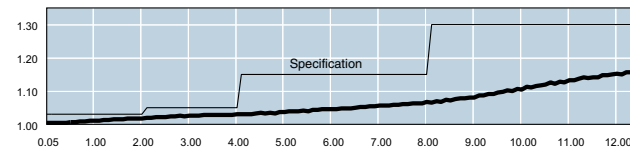
- /// **Quality Connectors** - Choice of male or female N connector that mate nondestructively with connector manufactured in accordance with MIL-C-39012.
- /// **Rugged Construction.**

### 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



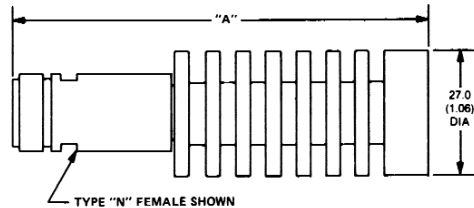
Typical 1425-4 SWR Performance

**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; 0.05% 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:

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