



Model 1425
Medium Power Coaxial Terminations

dc to 12.4 GHz
10 Watts

Type N or TNC Connector



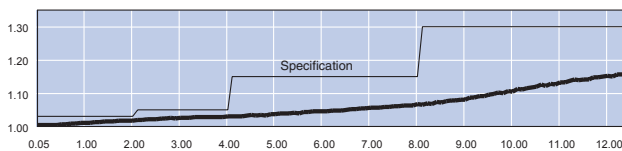
Features

- /// **Connector Options** - Choice of Type N or TNC - 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)	Connector Type	
	Type N	TNC
dc - 2	1.03	1.10
2 - 4	1.05	1.15
4 - 8	1.15	1.25
8 - 12.4	1.30	1.40



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).

TEMPERATURE RANGE: -55°C to +125°C

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

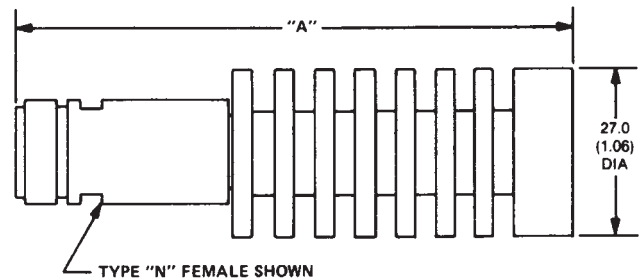
CONNECTOR: Type N or TNC connector per MIL-STD-348 interface dimensions - mate nondestructively with MIL-C-39012 connector.

Connector Options	Type/Description
3	Type N, Female
4	Type N, Male
6	TNC, Female
7	TNC, Male

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
1425-7	83.06 (3.30)	TNC, male
1425-6	80.01 (3.15)	TNC, female
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.