

## Model 1426 Medium Power Coaxial Termination

dc to 8.5 GHz  
50 Watts

**RoHS**

*Convection Cooled*



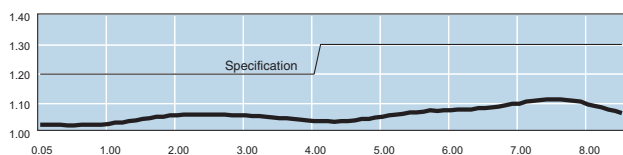
### Features

- /// **Rugged Construction** - Quality connector with special high temperature support bead.
- /// **Low Intermodulation Option**
- /// **5 Kilowatts Peak Power**

### Specifications

**NOMINAL IMPEDANCE:** 50  $\Omega$   
**FREQUENCY RANGE:** dc to 8.5 GHz

MAXIMUM SWR:	
Frequency (GHz)	SWR
dc - 4	1.20
4 - 8.5	1.30



*Typical 1426-4 SWR Performance*

**POWER RATING:** 50 watts **average (mounted horizontally)** to 25°C ambient temperature, derated linearly to 0 watts @ 125°C. 5 kilowatts **peak** (5  $\mu$ sec pulse width; 0.05% duty cycle).

**INTERMODULATION (Model 1426-X-LIM Only):** IM3 (Reflected) = -100 dBc with two input signals @ 869 MHz and 891 MHz with an average power of +41 dBm each.

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

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

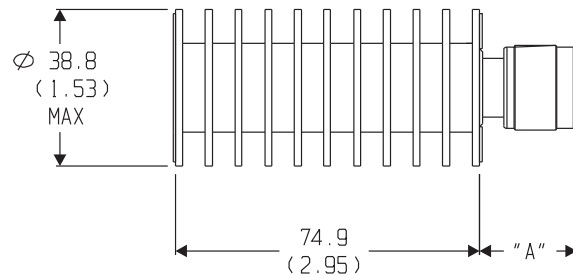
**CONNECTOR:** Type N or 2.92mm connectors mate nondestructively with MIL-C-39012 connector.

Connector Options	Type/Description
1	2.92mm, Female
2	2.92mm, Male
3	Type N, Female
4	Type N, Male

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

**WEIGHT:** Net 280 g (10 oz.)

**PHYSICAL DIMENSIONS:**



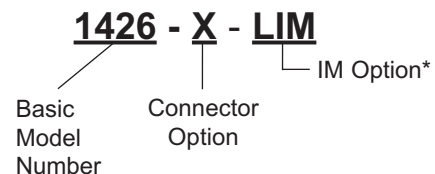
Model #	DIM A	Connector Type
1426-1	12.7 (0.50)	2.92mm female
1426-2	14.0 (0.55)	2.92mm male
1426-3	15.0 (0.59)	N female
1426-4	22.9 (0.90)	N male

**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.

**MODEL NUMBER DESCRIPTION:**

**Example:**



\* Add -LIM to entire model number for Low Intermodulation option. Option not available through Express.