AEROFLEX WEINSCHEL

Model 1426
Medium Power Coaxial Termination

dc to 8.5 GHz
50 Watts

Type N or 2.92mm Connectors

Features

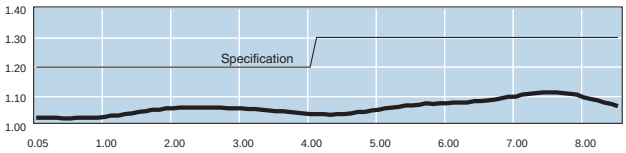
- **Rugged Construction -** Quality connector with special high temperature support bead.
- **Low Intermodulation Option**
- **5 Kilowatts Peak Power**

Specifications

NOMINAL IMPEDANCE: 50 Ω

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 µsec 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.

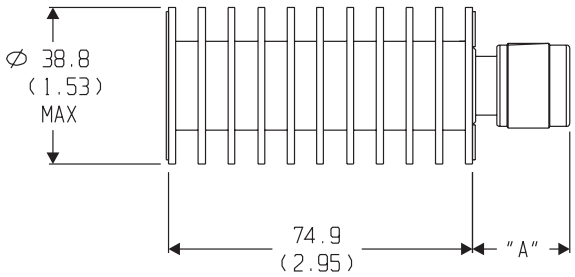
CONNECTOR: Type N or 2.92mm connectors mate nondestructively with MIL-C-39012 connector.

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

MODEL NUMBER DESCRIPTION:

Example:

1426 - X - LIM

- 1426: Basic Model Number
- X: Connector Option
- LIM: IM Option*

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

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