

# APG-F4-NM-350

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Arrestor Gas Tube Surge Arrestor (350 V), 2400–2500 MHz, with interface types N male for 1/2" Superflexible Foam Coaxial Cable

## Product Classification

<b>Product Type</b>	Surge arrester
<b>Ordering Note</b>	ANDREW® non-standard product

## General Specifications

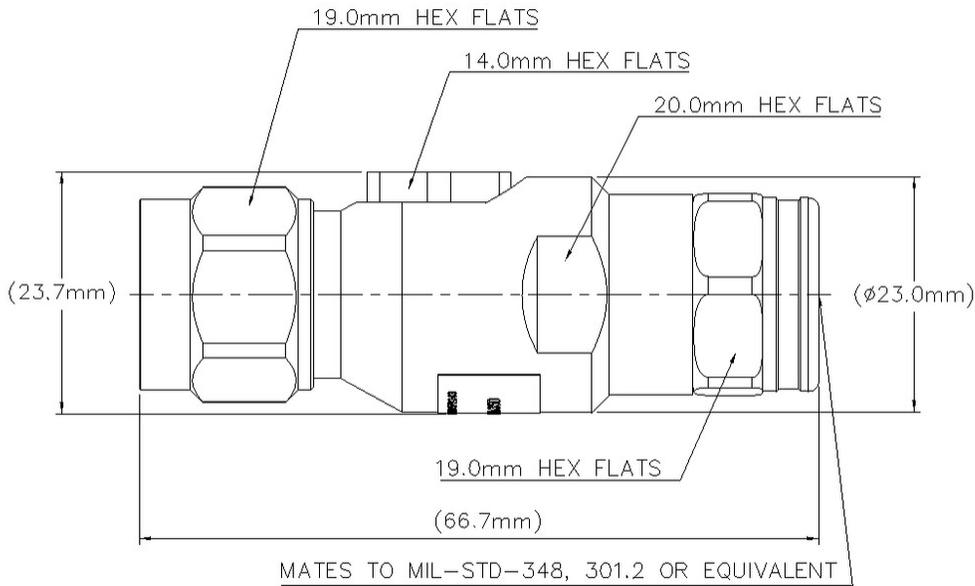
<b>Device Type</b>	dc Pass
<b>Body Style</b>	Straight
<b>Inner Contact Attachment Method</b>	Captivated
<b>Inner Contact Plating</b>	Gold
<b>Interface</b>	N Male
<b>Outer Contact Attachment Method</b>	Clamp
<b>Outer Contact Plating</b>	Trimetal
<b>Pressurizable</b>	No

## Dimensions

<b>Height</b>	23.7 mm   0.933 in
<b>Length</b>	66.7 mm   2.626 in

## Outline Drawing

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## Electrical Specifications

<b>Insertion Loss, typical</b>	0.2 dB
<b>Average Power</b>	40 W
<b>Connector Impedance</b>	50 ohm
<b>Gas Tube Voltage</b>	350 V
<b>Lightning Surge Current</b>	5 kA
<b>Lightning Surge Current Waveform</b>	8/20 waveform
<b>Operating Frequency Band</b>	2400 – 2500 MHz

## VSWR/Return Loss

Frequency Band	VSWR	Return Loss (dB)
2400–2500 MHz	1.296	17.8

## Mechanical Specifications

<b>Attachment Durability</b>	25 cycles
<b>Interface Durability</b>	500 cycles
<b>Interface Durability Method</b>	IEC 61169-16:9.5

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**Mechanical Shock Test Method** MIL-STD-202F, Method 213B, Test Condition C

## Environmental Specifications

**Operating Temperature** -40 °C to +100 °C (-40 °F to +212 °F)  
**Storage Temperature** -40 °C to +100 °C (-40 °F to +212 °F)  
**Attenuation, Ambient Temperature** 20 °C | 68 °F  
**Average Power, Ambient Temperature** 40 °C | 104 °F  
**Corrosion Test Method** MIL-STD-202, Method 101, Test Condition B  
**Immersion Depth** 1 m  
**Immersion Test Mating** Mated  
**Immersion Test Method** IEC 60529:2001, IP68  
**Moisture Resistance Test Method** MIL-STD-202, Method 106  
**Thermal Shock Test Method** MIL-STD-202, Method 107, Test Condition A-1, Low Temperature -55 °C  
**Vibration Test Method** GR 2846-CORE  
**Water Jetting Test Mating** Mated  
**Water Jetting Test Method** IEC 60529:2001, IP66

## Packaging and Weights

**Weight, net** 0.097 kg | 0.214 lb