APG-BDFDF-350



Arrestor Plus® Gas Tube Surge Arrestor (350 V), 45–2170 MHz, with interface types DIN Female Bulkhead and DIN Female

Product Classification

Product Type Surge arrestor

Ordering Note CommScope® standard product in Mexico, Central America, and South

America | CommScope® standard product in the United States and Canada

General Specifications

Device Type dc Pass

Body Style Bulkhead

Inner Contact Plating Silver

Interface 7-16 DIN Female Bulkhead

Interface 2 7-16 DIN Female

Outer Contact PlatingSilverPressurizableNo

Dimensions

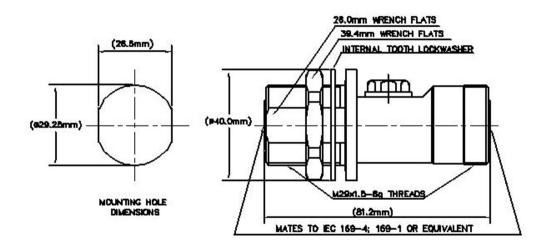
 Height
 39.88 mm | 1.57 in

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 39.88 mm | 1.57 in

 Length
 81.03 mm | 3.19 in

Outline Drawing





Electrical Specifications

Average Power400 WConnector Impedance50 ohmGas Tube Voltage350 VLightning Surge Current20 kA

Lightning Surge Current Waveform 8/20 waveform

Operating Frequency Band 1000 – 2000 MHz | 2000 – 2170 MHz | 45 – 1000 MHz

VSWR/Return Loss

Frequency Band	VSWR	Return Loss (dB)
45-1000 MHz	1.201	20.79
1000-2000 MHz	1.201	20.79
2000-2170 MHz	1.33	17

Mechanical Specifications

Attachment Durability 25 cycles

Interface Durability 500 cycles

Interface Durability Method IEC 61169-16:9.5

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

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Environmental Specifications

Operating Temperature $-40 \,^{\circ}\text{C to} + 100 \,^{\circ}\text{C (-40 }^{\circ}\text{F to} + 212 \,^{\circ}\text{F)}$

Storage Temperature $-40 \,^{\circ}\text{C}$ to $+100 \,^{\circ}\text{C}$ (-40 $^{\circ}\text{F}$ to $+212 \,^{\circ}\text{F}$)

Attenuation, Ambient Temperature $20 \, ^{\circ}\text{C} \mid 68 \, ^{\circ}\text{F}$ Average Power, Ambient Temperature $40 \, ^{\circ}\text{C} \mid 104 \, ^{\circ}\text{F}$

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 0.299 kg | 0.66 lb

Regulatory Compliance/Certifications

Agency Classification

CHINA-ROHS Below maximum concentration value

ISO 9001:2015 Designed, manufactured and/or distributed under this quality management system

REACH-SVHC Compliant as per SVHC revision on www.commscope.com/ProductCompliance

ROHS Compliant UK-ROHS Compliant



* Footnotes

Immersion Depth Immersion at specified depth for 24 hours

