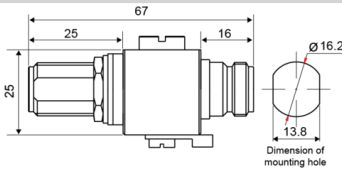


**- UL497E LISTED - I<sub>max</sub> 20kA (10kA UL) - I<sub>n</sub> 10kA (10kA UL) - Bi-directional - Replaceable Gas Tube**



**AX09-6G-N/FF**

- Gas Discharge Tube Technology, DC Pass
- Frequency Range 0-6.9GHz
- I<sub>max</sub> 20kA, 10kA (UL), I<sub>n</sub> 10kA
- IP67 Outdoor Rated
- N-Type Connector
- Bi-Directional
- Replaceable Gas Tube



Electrical Characteristics		
Frequency range	f	DC-7 GHz
Insertion loss		< 0.2 dB
Return loss		> 19 dB
Impedance		50 ohms
VSWR		<1.25:1
Max. load current	IL	10 A
Protection mode(s)		Common mode/Differential mode
Impulse current <sup>2</sup> x 10/350µs Test - D1 Category	limp	1 kA
Nominal discharge current <sup>2</sup> Category	I <sub>n</sub>	5 kA
Max Power		70 W
Insulation resistance	IR	≥10 GOhms
RF SPD TYPE		UL497E LISTED
VOLTS	(V)	48
AC/DC/DC PV/RF		RF
WIRES		1W+GROUND
LINE CURRENT MAX	(A)	10
POWER RATING	(W)	25
AMBIENT MIN	(C)	-40
AMBIENT MAX	(C)	+85
RESIDUAL VOLTAGE	(V)	700
IMAX8/20µs	(kA)	20
FREQUENCY RANGE	(GHz)	0-6.9
INSERTION LOSS (@ FREQ)	(db)	<0.2
RETURN LOSS	(db)	>22
VSWR		<1.25:1
IMPEDANCE	Ω	50
label.propertyGroup.INSTALLATION		
Operating TemperatureMin	°C	-45.0000
Operating TemperatureMax	°C	85.0000
Operating TemperatureMin	°F	-50.0000
Operating TemperatureMax	°F	85.0000
Operating Relative HumidityMax	%RH	Can be submerged
Operating AltitudeMin	Ft	2000.0000
Operating AltitudeMax	Ft	6500.0000
Housing/Enclosure material		Cu, Zn, Sn plated Brass
Mounting		Bracket or through hole
IP Environmental ratingIP		IP65
NEMA Environmental ratingNEMA		NEMA 4
Installation Location		Indoor / outdoor
Spare part		BA HF 90/20
Accessories		BK
Product DimensionL	mm	67.0000
Product DimensionH	mm	25.0000
Product DimensionW	mm	13.8000
Product DimensionL	In	2.6400
Product DimensionH	In	0.9800
Product DimensionW	In	0.5400
label.propertyGroup.MISCELLANEOUS		
Individual Pack		No
Storage TemperatureMin	°C	-40.0000
Storage TemperatureMax	°C	85.0000
Storage TemperatureMin	°F	-40.0000
Storage TemperatureMax	°F	85.0000
Mechanical Characteristics		
Outdoor application		Yes

**- UL497E LISTED - I<sub>max</sub> 20kA (10kA UL) - I<sub>n</sub> 10kA (10kA UL) - Bi-directional - Replaceable Gas Tube**

**P8AX09-6G-N/6P**

Contacts	Bronze/Surface Au-Ag
Weight	0.165 kg
TECHNOLOGY	GDT
CONNECTION METHOD	SERIES CONNECTOR, BI-DIRECTIONAL
CONNECTOR TYPE	N
GENDER	FEMALE TO FEMALE
MOUNTING	BULKHEAD, OPTIONAL BRACKET
MATERIAL	Cu, Zn, Sn plated Brass, PTFE
NEMA RATING (IP RATING)	NEMA 6P (IP67)
DIMENSIONS	See diagram (mm)
WEIGHT	0.30 lbs
SPARE PART	BA HF 90/20
<b>Standards</b>	
RohS compliance	Yes
UL STANDARD	UL497E
UL CATEGORY	QVLA
UL FILE NUMBER	E349646
STANDARDS	NOM-003-SCFI-2014, NOM-001-SCFI-1993
ENVIRONMENTAL STANDARDS	ROHS
<b>Part number</b>	
<b>68011</b>	