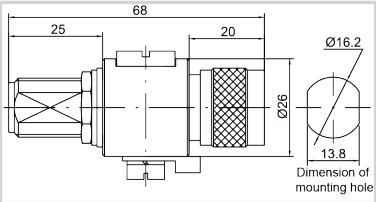
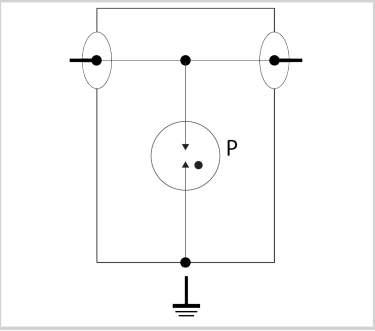
UL497E LISTED - Imax 20kA (10kA UL) - In 10kA

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-Bi-Directional Coaxial Surge Protector - High Energy GDT Technology - Low Insertion Loss - Field Replaceable GDT - Waterproof Design - DC Pass - UL497E Listed

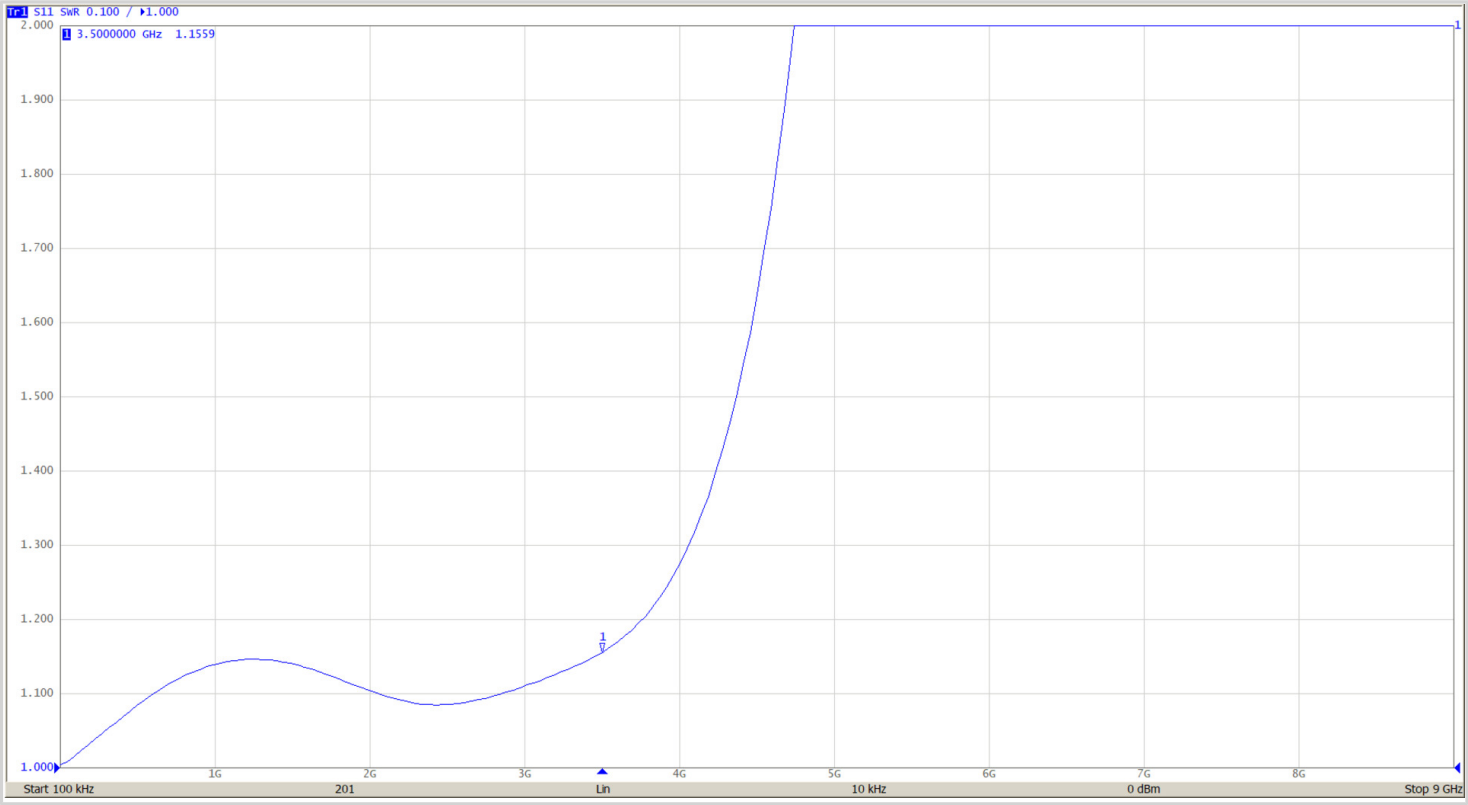




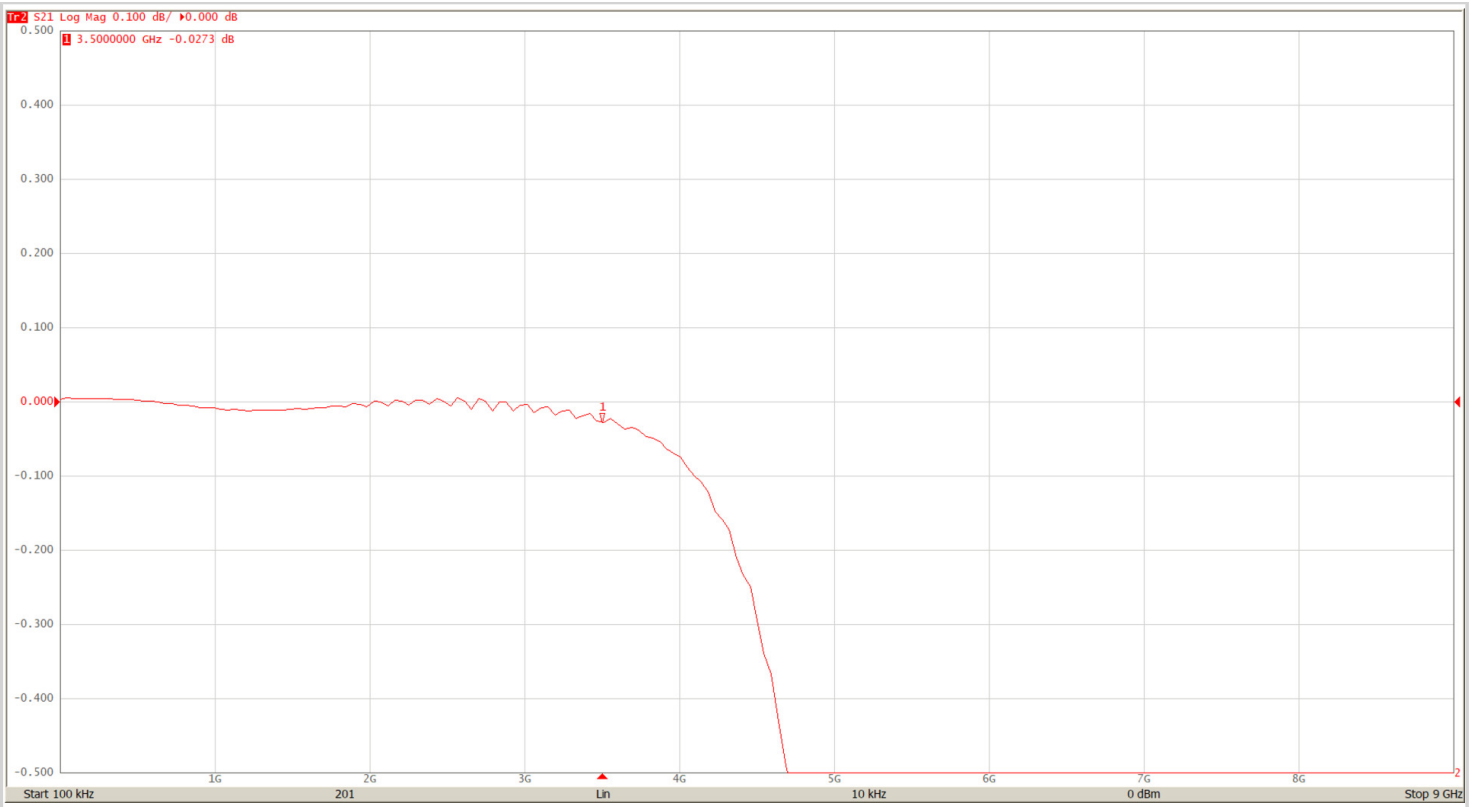
Electrical Characteristics		
Lightning Protection Zones (LPZ)		0 - 3
Max. DC operating voltage	Uc	72 Vdc
Frequency range	f	DC-3.5 GHz
Insertion loss		< 0.2 dB
Return loss		> 20 dB
Impedance		50 ohms
VSWR		<1.2:1
Max. load current @25°C	IL	10 A
Max. discharge current *max. withstand @ 8/20 µs by pole*	Imax	20 kA
Nominal discharge current *C2 (1.2/50us / 8/20µs), 10 applications X-C (Line/Earth)*	In	10 kV / 5 kA
Protection Level *C2 (1.2/50µs / 8/20µs), 10 applications, Y-C (Line-Earth)*	Up	< 1000 V
Protection Level *C3 (10/1000µs), 300 applications@10 A, Y-C (Line/Earth)*	Up	< 700 V
Impulse current *D1 (10/350µs), 2 applications, X-C (Line/Earth)*	Iimp	500 A
Max RF Power		25 W
Typical let through energy *(50 ohms) input 4kV 1.2/50µs - 2kA 8/20µs*		300 µJ
DC Pass		Yes
Insulation resistance	IR	≥10 GOhms
Installation		
Operating Relative Humidity*Max*	%RH	Can be submerged
Operating Altitude*Min*	Ft	2000.0000
Operating Altitude*Max*	Ft	6500.0000
Housing/Enclosure material		Cu, Zn, Sn plated Brass
Mounting		Bracket or Bulkhead through-hole
IP Environmental rating*IP*		IP66
NEMA Environmental rating*NEMA*		NEMA 4
Installation Location		Indoor / outdoor
Spare part		BB HF 90/20
Accessories		BK series mounting bracket
Product Dimension*L*	mm	68.0000
Product Dimension*H*	mm	26.0000
Product Dimension*W*	mm	13.8000
Product Dimension*L*	In	2.6800
Product Dimension*H*	In	1.0200
Product Dimension*W*	In	0.5400
Mechanical Characteristics		
Technology		Gas discharge tube
Connection to Network		Connector N Male/Female
Mounting		Bulkhead or Bracket
Operating temperature	Tu	-40/+85°C
Ingress Protection rating		IP66

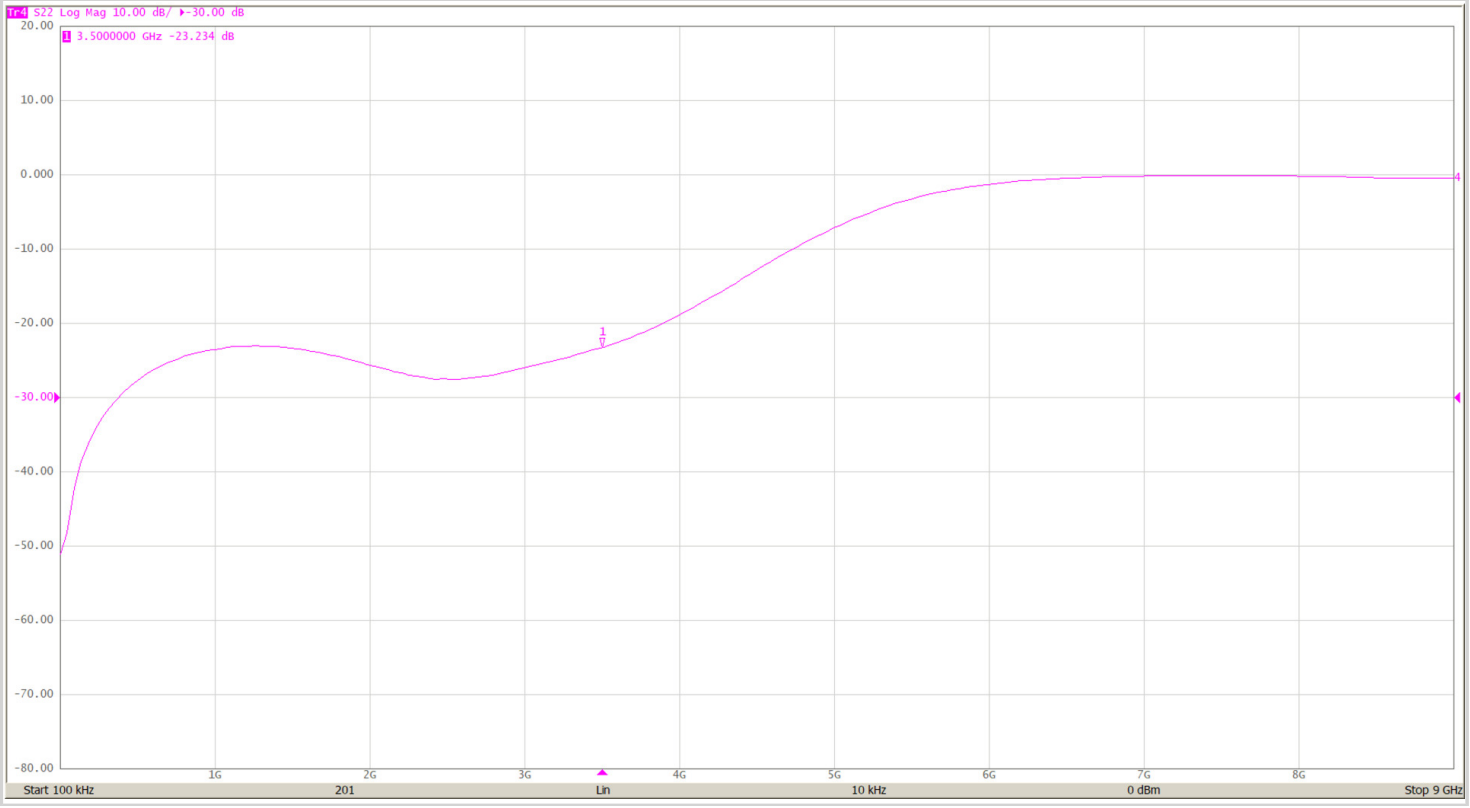
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Failsafe mode		Transmision cut-off - fault mode 2 (short circuit)
Contacts		Bronze/Surface Au-Ag
Insulation material		PTFE
Standards		
UL File Number		E349646
Environmental standards		EU RoHS
UL STANDARD		UL497E
UL CATEGORY		QVLA
UL FILE NUMBER		E349646
STANDARDS		NOM-003-SCFI-2014, NOM-001-SCFI-1993
Part number		
60001		



P8AX09-N/MF


Tr2 S21 Log Mag 0.100 dB/ ▸0.000 dB
1 3.5000000 GHz -0.0273 dB
0.500
0.400
0.300
0.200
0.100
0.000
-0.100
-0.200
-0.300
-0.400
-0.500
1G
2G
3G
4G
5G
6G
7G
8G
Start 100 kHz
201
Lin
10 kHz
0 dBm
Stop 9 GHz


Tr4 S22 Log Mag 10.00 dB/ ▸-30.00 dB
1 3.5000000 GHz -23.234 dB
20.00
10.00
0.000
-10.00
-20.00
-30.00
-40.00
-50.00
-60.00
-70.00
-80.00
1G
2G
3G
4G
5G
6G
7G
8G
Start 100 kHz
201
Lin
10 kHz
0 dBm
Stop 9 GHz