

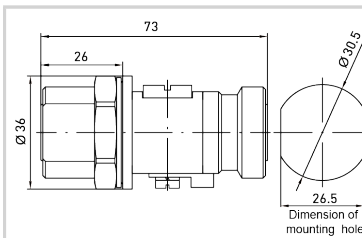
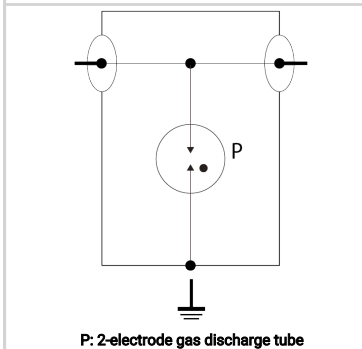


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P8AX09-716/FF



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



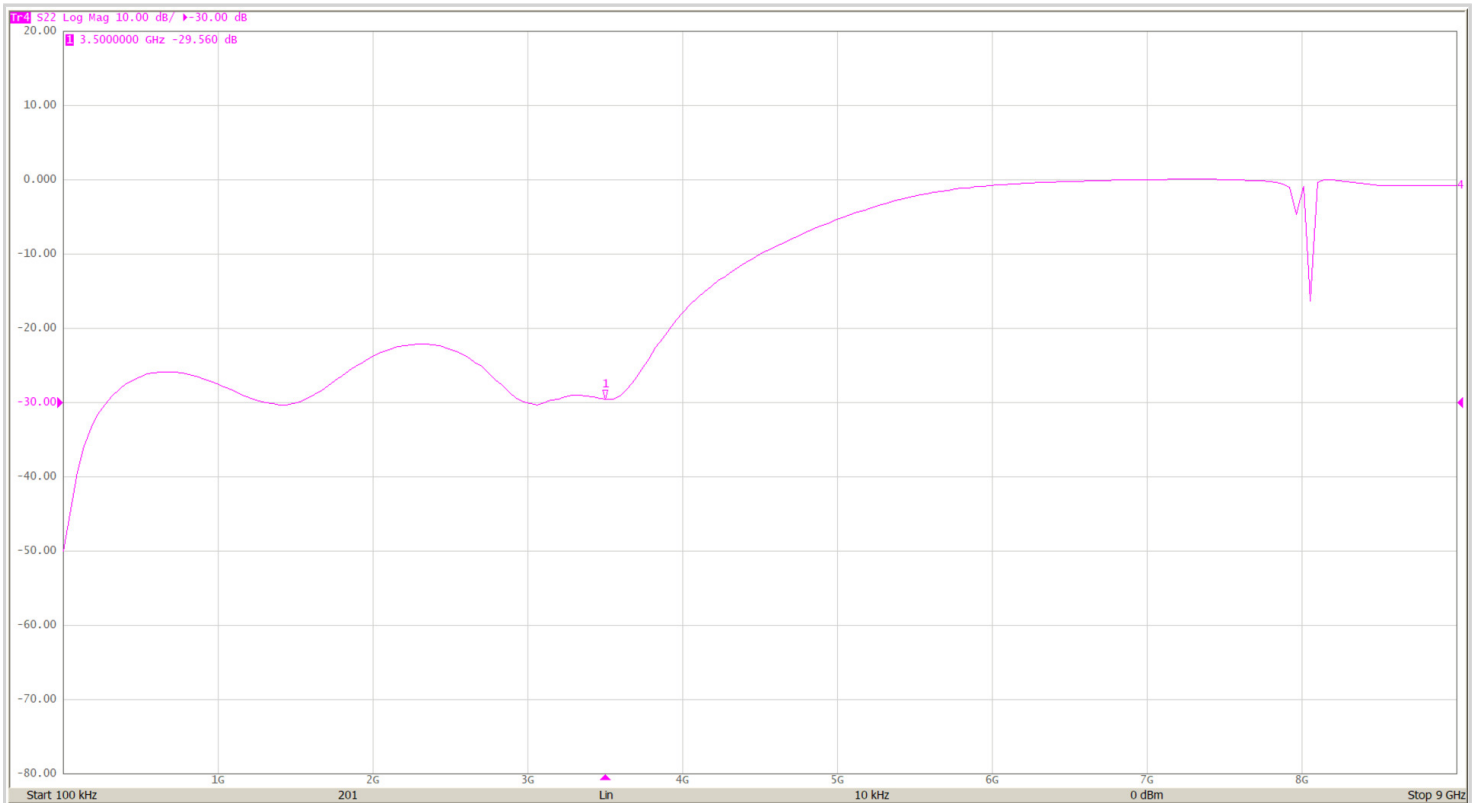
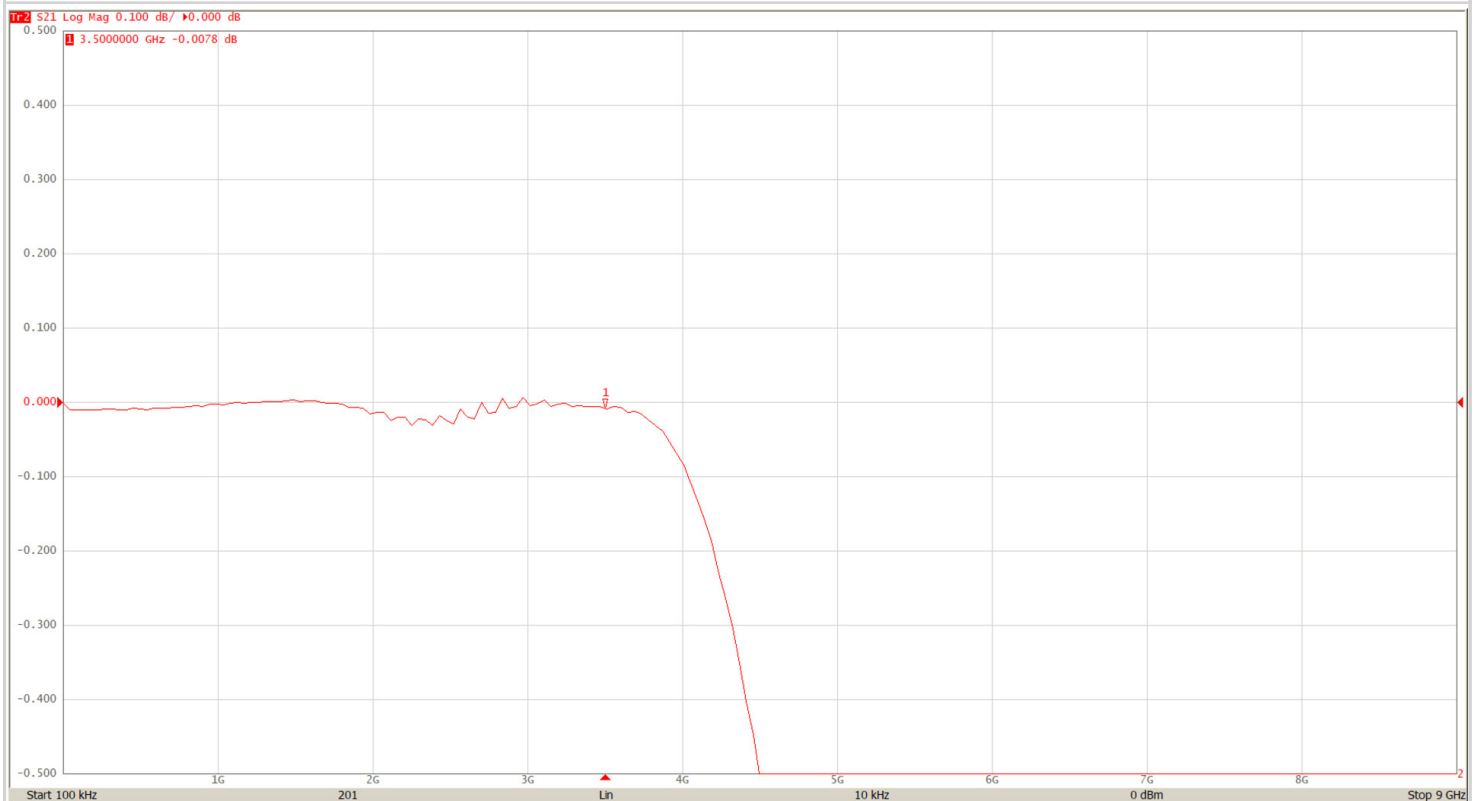
Electrical Characteristics		
Max. DC operating voltage	Uc	72 Vdc
Frequency range	f	DC-3.5 GHz
Insertion loss		< 0.2 dB
Return loss		> 20 dB
Impedance		50 ohms
VSWR		<1.2:1
Max. load current @25°C	IL	10 A
Max. discharge current <i>max. withstand @ 8/20 µs by pole</i>	Imax	20 kA
Nominal discharge current <i>C2 Category</i>	In	5 kA
Protection mode(s)		Common mode
Protection level <i>@1kV/µs (C3)</i>	Up	< 650 V
Impulse current <i>2 x 10/350µs Test - D1 Category</i>	Iimp	1 kA
Max RF Power		25 W
Typical let through energy <i>(50 ohms) input 4kV 1.2/50µs - 2kA 8/20µs</i>		300 µJ
DC Pass		Yes
Insulation resistance	IR	≥10 GOhms
Installation		
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 Bulkhead through-hole
IP Environmental rating/IP		IP66
Installation Location		Indoor / outdoor
Spare part		BB HF 90/20
Accessories		BK series mounting bracket
Product DimensionL	mm	73.0000
Product DimensionH	mm	36.0000
Product DimensionW	mm	26.5000
Product DimensionL	In	2.8700
Product DimensionH	In	1.4200
Product DimensionW	In	1.0400
Mechanical Characteristics		
Technology		Gas discharge tube
Connection to Network		Connector 7/16 Female/Female
Mounting		Bulkhead or Bracket
Operating temperature	Tu	-40/+85°C
Protection rating		IP66
Failsafe mode		Short-circuit
Contacts		Bronze/Surface Au-Ag



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Insulation material	PTFE
Standards	
Environmental standards	EU RoHS
RohS compliance	Yes
UL STANDARD	UL497E
UL CATEGORY	QVLA
UL FILE NUMBER	E349646
STANDARDS	NOM-003-SCFI-2014, NOM-001-SCFI-1993
Part number	
60411	





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