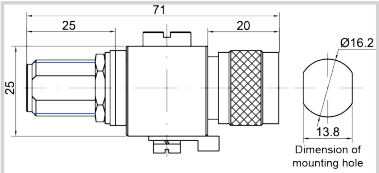
- UL497E LISTED - Imax 20kA - Bi-directional - Replaceable Gas Tube

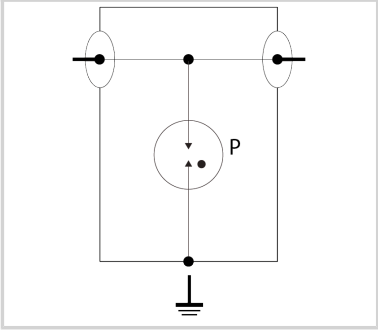
P8AX09-6G-N/MF



- Gas Discharge Tube Technology, DC Pass
- Frequency Range 0-7 GHz
- Imax 20kA
- IP67 Outdoor Rated
- Bi-Directional
- Replaceable Gas Tube

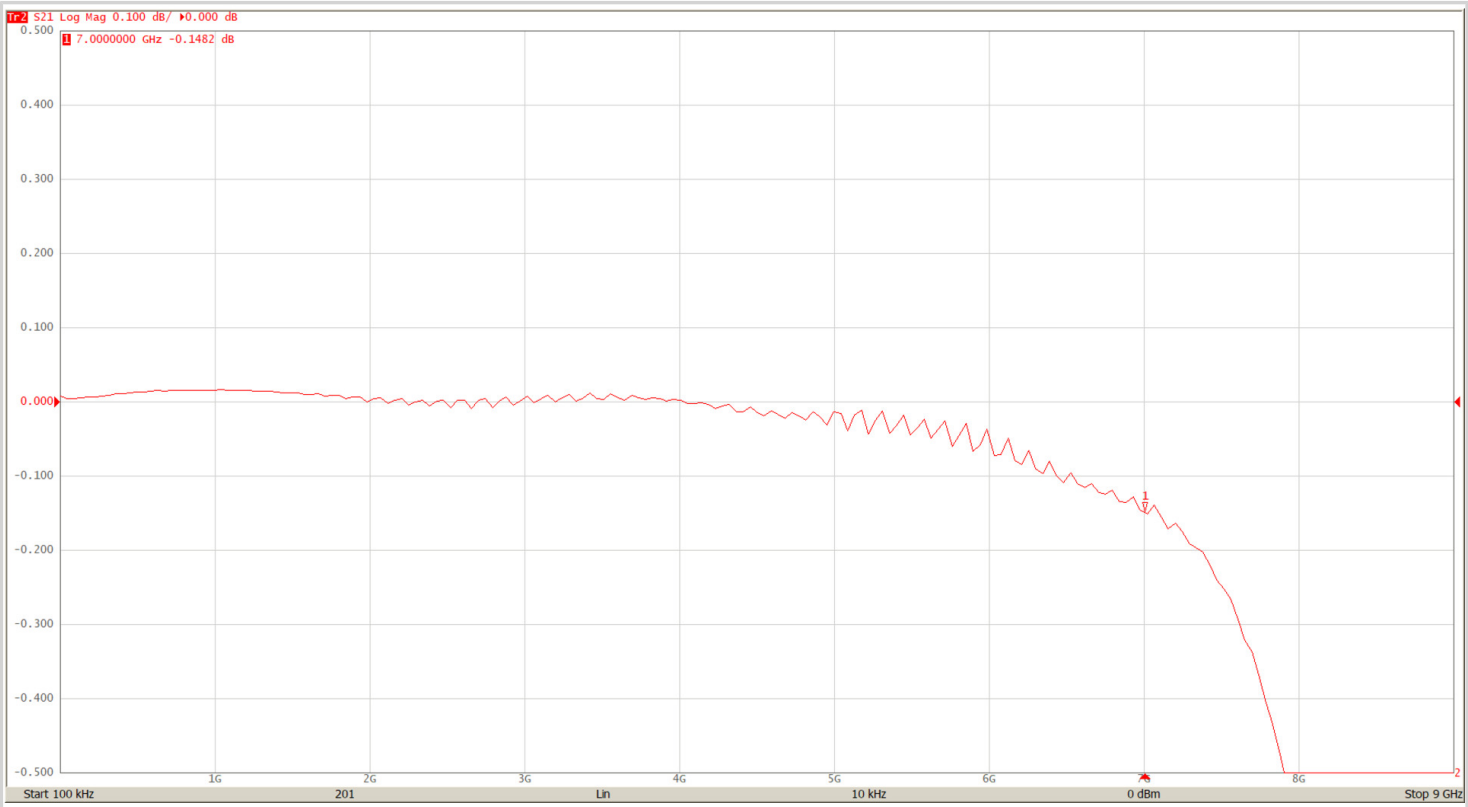
RoHS

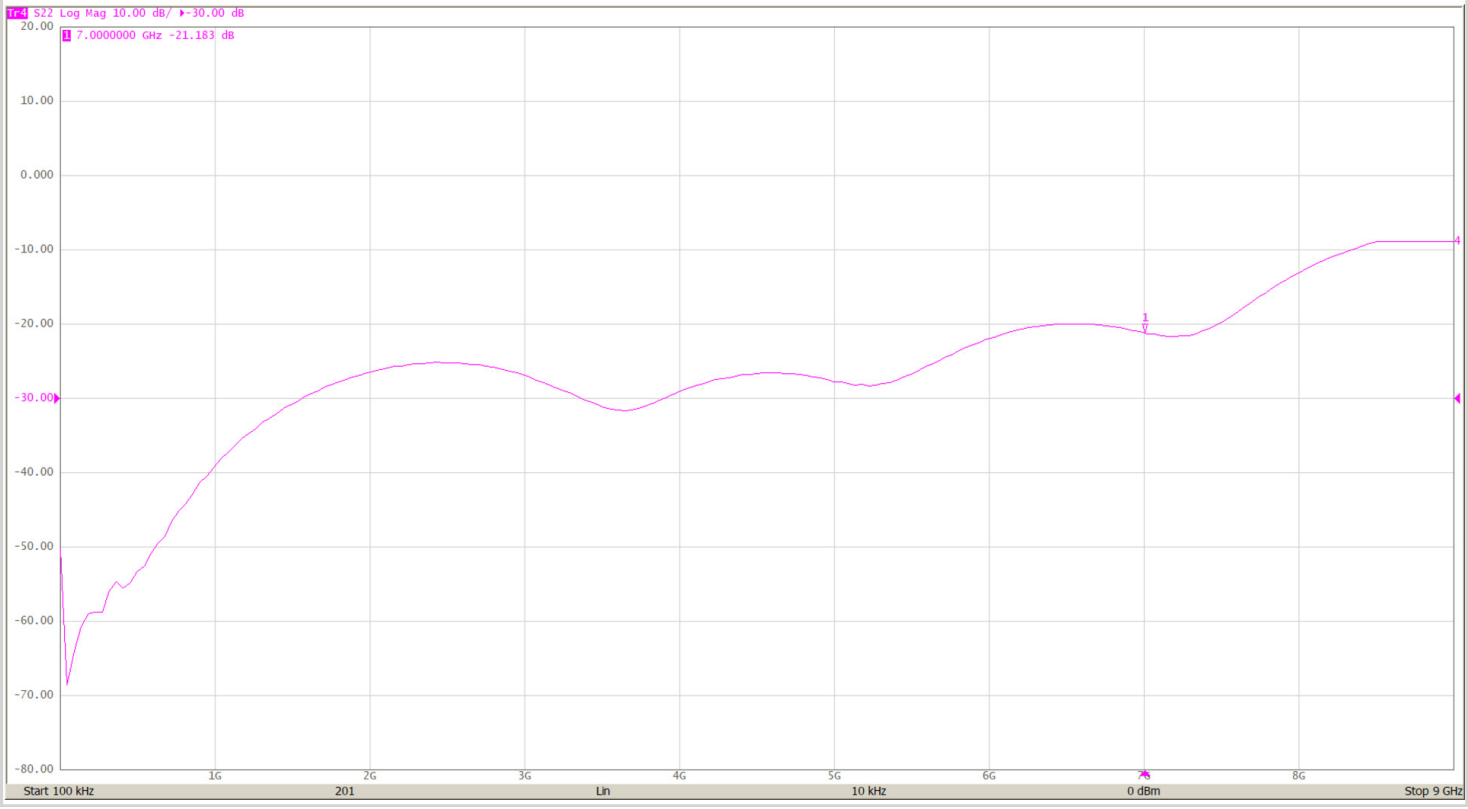




Electrical Characteristics		
Max. DC operating voltage	Uc	120 Vdc
Frequency range	f	DC-7 GHz
Insertion loss		< 0.2 dB
Return loss		> 19 dB
Impedance		50 ohms
VSWR		<1.25:1
Max. load current @25°C	IL	10 A
Max. discharge current *max. withstand @ 8/20 µs by pole*	Imax	20 kA
Nominal discharge current *C2 Category*	In	5 kA
Protection mode(s)		Common mode
Impulse current *2 x 10/350µs Test - D1 Category*	limp	2.5 kA
Max RF Power		25 W
Typical let through energy *(50 ohms) input 4kV 1.2/50µs - 2kA 8/20µs*		2.2 mJ
DC Pass		Yes
Insulation resistance	IR	≥10 GOhms
Installation		
Accessories		BK
Mechanical Characteristics		
Technology		Gas discharge tube
Connection to Network		Connector N Male/Female
Mounting		Feedthrough
Operating temperature	Tu	-40/+85°C
Protection rating		IP65
Failsafe mode		Short-circuit
Contacts		Bronze/Surface Au-Ag
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		
68001		

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