



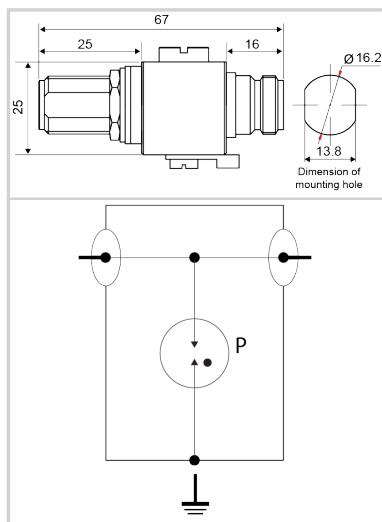
CITEL

- UL497E LISTED - I_{max} 20kA (10kA UL) - I_n 10kA (10kA UL) - Bi-directional - Replaceable Gas Tube

P8AX09-6G-N/FF



- Gas Discharge Tube Technology, DC Pass
- Frequency Range 0-6 GHz
- I_{max} 20kA, 10kA (UL), I_n 10kA
- IP67 Outdoor Rated
- N-Type Connector
- Bi-Directional
- Replaceable Gas Tube



Electrical Characteristics

Max. DC operating voltage	Uc	120 Vdc
Frequency range	f	DC-7 GHz
Insertion loss		< 0.2 dB
Return loss		≥20 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	I _{max}	15 kA
Nominal discharge current C2 Category	I _n	5 kA
Impulse current 2 x 10/350µs Test - D1 Category	I _{imp}	1 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

Operating Relative HumidityMax	%RH	Can be submerged
Operating AltitudeMin	Ft	2000.0000
Operating AltitudeMax	Ft	6500.0000
Mounting		Bracket or through hole
Installation Location		Indoor / outdoor
Spare part		BA HF 90/20
Accessories		BK

Miscellaneous

Individual Pack		No
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Mechanical Characteristics

Technology		Gas discharge tube
Connection to Network		Connector N Female/Female
Mounting		Feedthrough
Operating temperature	Tu	-40/+85°C
Protection rating		IP66
Failsafe mode		Short-circuit
Contacts		Bronze/Surface Au-Ag

Standards

Environmental standards		EU RoHS
RohS compliance		Yes
UL STANDARD		UL497E
UL CATEGORY		QVLA
UL FILE NUMBER		E349646

Part number

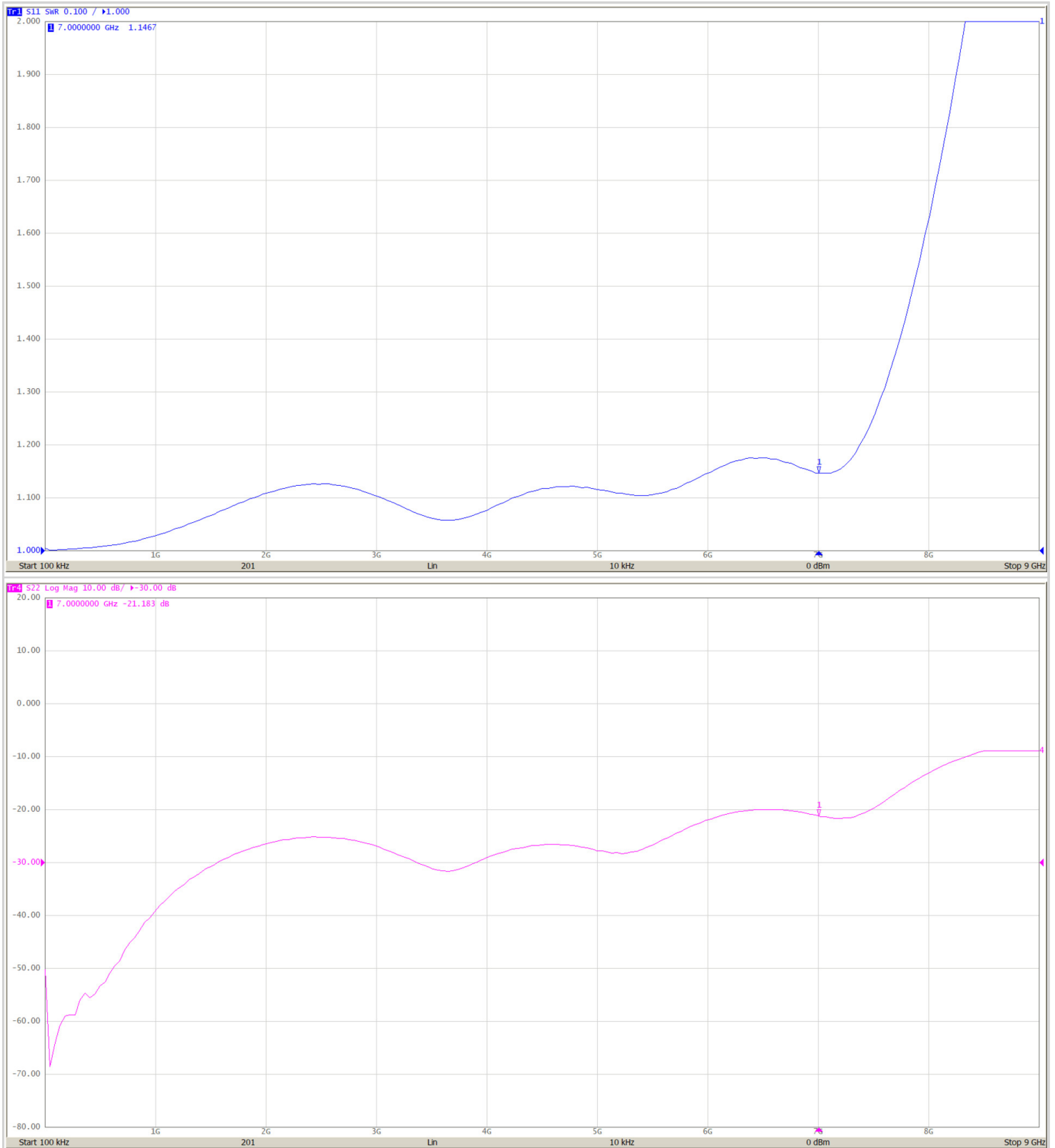
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