

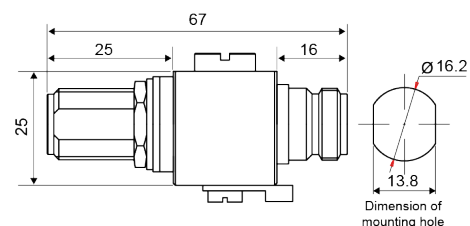


P8AX09-6G-N/FF

- RF coaxial surge protector
- 6 GHz
- 70 W
- Connectors : N
- Low insertion loss
- Removable GDT
- DC-pass
- Bi-directional protection



Electrical Characteristics		
Operating current <i>Continuous current at U_c</i>	I _c	none
Max. discharge current <i>max. withstand @ 8/20 μs by pole</i>	I _{max}	20 kA
Max. load current	I _L	10A
Protection mode(s)		MC
Protection level <i>@ I_n (8/20 μs)</i>	U _p	< 1100 V
Impulse current <i>2 x 10/350 μs Test - D1 Category</i>	I _{imp}	1 kA
Nominal discharge current <i>8/20 μs Test x 10 - C2 Category</i>	I _n	5 kA
Max. frequency	f	7 GHz
Impedance		50 ohms
Insertion loss		< 0.2dB
Max Power		70 W
Return loss		> 19 dB
VSWR		<1.25:1
Insulation resistance		≥10 GOhms
bandwidth limit <i>low</i>	kHz	dc
bandwidth limit <i>high</i>	kHz	7000000
Impedance	Ω	50
Insertion loss <i>Maximum</i>	db	<0.2
Return Loss <i>Minimum</i>	db	>20
VSWR <i>Maximum</i>	:1	<1.25
Nominal Discharge Current <i>I_n (8/20 μs x 10)</i>	kA	10
DC Pass		Yes
Connection Method		Series (bi-directional)
End of life		Short-circuit





Mechanical Characteristics		
Technology		Gas discharge tube
Connection to Network		connector N Female/Female
Mounting		Feedthrough
Housing material		Brass/Surface plating : Cu Zn Sn
Operating temperature		-40/+85°C
Protection rating		IP66
Failsafe behavior		Short-circuit
Disconnection indicator		transmission interrupt
Spare module		2 x BA HF - 90/20
Remote signaling of disconnection		-
Contacts		Bronze/Surface Au-Ag
Insulation material		PTFE
Technology		GDT
Norms		
Standards compliance		IEC 61643-21 / EN 61643-21 / UL497C / UL497E
Code article		68011