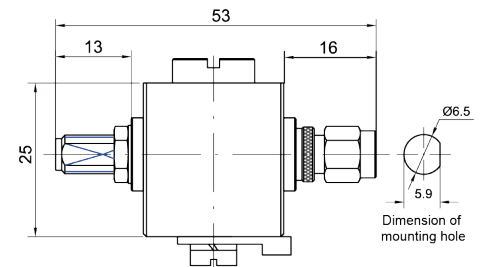




P8AX09-6G-SMA/MF

- 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	IL	10A
Protection mode(s)		MC
Protection level <i>@ I_n (8/20μs)</i>	U_p	< 1100 V
Impulse current <i>2 x 10/350μs Test - D1 Category</i>	I_{imp}	1 kA
Nominal discharge current <i>8/20μs Test x 10 - C2 Category</i>	I_n	5 kA
Max. frequency	f	7 GHz
Impedance		50 ohms
Insertion loss		< 0.3dB
Max Power		70 W
Return loss		> 18 dB
VSWR		<1.3:1
Insulation resistance		≥ 10 GOhms





Mechanical Characteristics		
Technology		Gas discharge tube
Connection to Network		Connector SMA Male/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
Norms		
Standards compliance		IEC 61643-21 / EN 61643-21 / UL497C / UL497E
Code article		68501