



CITEL



P8AX09-6G-T/FF

- RF coaxial surge protector
- DC-7 GHz
- 70 W
- Connectors : TNC
- Low insertion loss
- Removable GDT
- DC-pass
- Bi-directional protection



Electrical Characteristics		
Max. load current	<i>I_L</i>	10 A
Frequency range	<i>f</i>	DC-7 GHz
Insertion loss		0.3 dB
Operating current <i>Continuous current at U_c</i>	<i>I_c</i>	None
Max. discharge current <i>max. withstand @ 8/20 μs by pole</i>	<i>I_{max}</i>	20 kA
Protection mode(s)		Common mode
Protection level <i>@ I_n (8/20 μs)</i>	<i>U_p</i>	< 1100 V
Impulse current <i>2 x 10/350 μs Test - D1 Category</i>	<i>I_{imp}</i>	1 kA
Nominal discharge current <i>8/20 μs Test x 10 - C2 Category</i>	<i>I_n</i>	5 kA
Impedance		50 ohms
Max Power		70 W
Return loss		> 18 dB
Typical let through energy <i>[50 ohms] input 4kV 1.2/50 μs - 2kA 8/20 μs</i>		2.2 mJ
VSWR		< 1.3:1
Insulation resistance		≥10 GOhms

Mechanical Characteristics		
Technology		Gas discharge tube
Connection to Network		Connector TNC Female/Female
Mounting		Feedthrough
Housing material		Brass/Surface plating : Cu Zn Sn
Operating temperature		-40/+85°C
Protection rating		IP66
Outdoor application		Yes
Failsafe mode		Short-circuit
Disconnection indicator		Transmission interrupt
Spare module(s)		2 x BA HF - 90/20
Dimensions		See diagram
Contacts		Bronze/Surface Au-Ag
Insulation material		PTFE

Standards		
Standards compliance		IEC 61643-21 / EN 61643-21 / UL497C / UL497E
RohS compliance		Yes
Part Number		68311

