



# Coaxial surge protector DC-7 GHz

# CITEL

## P8AX09-6G-N/MF



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



	<b>Electrical Characteristics</b>	
	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 15 kA
	Protection mode(s)	Common mode
	Protection level @ In (8/20µs)	Up < 1100 V
	Impulse current 2 x 10/350µs Test - D1 Category	Iimp 1 kA
	Nominal discharge current C2 Category	In 5 kA
	Max 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
	<b>Mechanical Characteristics</b>	
	Technology	Gas discharge tube
	Connection to Network	Connector N Male/Female
	Mounting	Feedthrough
	Housing material	Brass/Surface plating: Cu Zn Sn
	Operating temperature	Tu -40/+85°C
	Protection rating	IP65
	Failsafe mode	Short-circuit
	Disconnection indicator	Transmission interrupt
	Spare module(s)	1 x BA HF
	Dimensions	See diagram
	Contacts	Bronze/Surface Au-Ag
	Weight	0.175 kg
	<b>Standards</b>	
	Standards compliance	IEC 61643-21 / EN 61643-21 / UL497E
	RohS compliance	Yes
	<b>Part number</b>	
	68001	

