



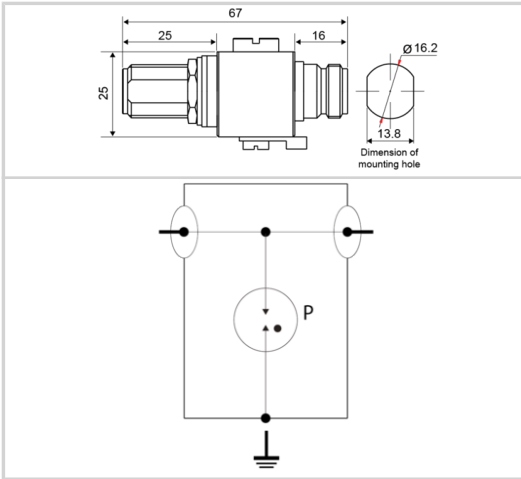
Coaxial surge protector DC-7 GHz

CITEL

P8AX09-6G-N/FF



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



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
Protection level @ I _n (8/20μs)	U _p < 1100 V
Impulse current 2 x 10/350μs Test - D1 Category	I _{imp} 1 kA
Nominal discharge current C2 Category	I _n 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
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	T _u -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	0.165 kg
Standards	
Standards compliance	IEC 61643-21 / EN 61643-21 / UL497E
RoHS compliance	Yes
Part number	
68011	

