

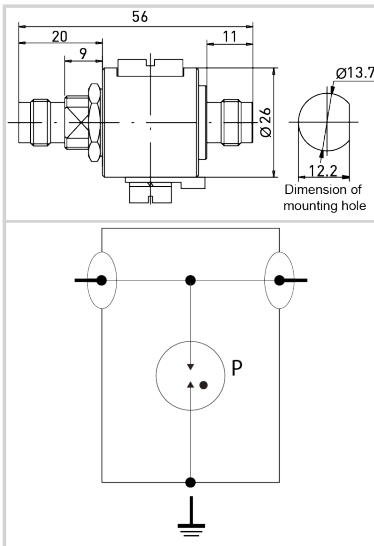


CITEL

P8AX09-T/FF



-Bi-Directional Coaxial Surge Protector - High Energy GDT Technology - Low Insertion Loss - Field Replaceable GDT - Waterproof Design - DC Pass - UL497E Listed



Electrical Characteristics		
Max. DC operating voltage	Uc	72 Vdc
Frequency range	f	DC-3.5 GHz
Insertion loss		< 0.2 dB
Return loss		> 20 dB
Impedance		50/75 ohms
VSWR		<1.2:1
Max. load current @25°C	IL	10 A
Max. discharge current <i>max. withstand @ 8/20 μs by pole</i>	I _{max}	20 kA
Nominal discharge current <i>C2 Category</i>	I _n	5 kA
Protection level <i>@1kV/μs (C3)</i>	U _p	< 650 V
Impulse current <i>2 x 10/350μs Test - D1 Category</i>	I _{imp}	1 kA
Max RF Power		25 W
Typical let through energy <i>(50 ohms) input 4kV 1.2/50μs - 2kA 8/20μs</i>		320 μJ
DC Pass		Yes
Insulation resistance	IR	≥10 GOhms
Installation		
Operating Relative Humidity <i>Max</i>	%RH	Can be submerged
Mounting		Bracket or Bulkhead through-hole
Installation Location		Indoor / outdoor
Spare part		BB HF 90/20
Accessories		BK series mounting bracket
Mechanical Characteristics		
Technology		Gas discharge tube
Connection to Network		Connector TNC Female/Female
Mounting		Bulkhead or Bracket
Operating temperature	T _u	-40/+85°C
Protection rating		IP66
Failsafe mode		Short-circuit
Contacts		Bronze/Surface Au-Ag
Insulation material		PTFE
MATERIAL		Housing-Cu, Zn, Sn plated Brass
DIMENSIONS		See diagram
Standards		
Environmental standards		EU RoHS
RohS compliance		Yes
UL STANDARD		UL497E
UL CATEGORY		QVLA
UL FILE NUMBER		E349646
STANDARDS		NOM-003-SCFI-2014, NOM-001-SCFI-1993
Part number		
60311		





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