

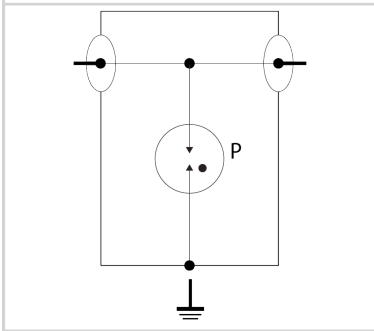
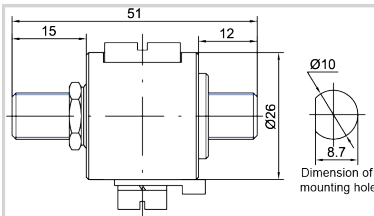


P8AX09-F/FF

CITEL



►4GHz 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-2 GHz	
Insertion loss		< 0.5 dB	
Return loss		> 18 dB	
Impedance		75 ohms	
VSWR		< 1.3:1	
Max. load current @25°C	IL	10 A	
Max. discharge current max. withstand @ 8/20 µs by pole	Imax	20 kA	
Nominal discharge current C2 Category	In	5 kA	
Protection mode(s)		Common mode	
Impulse current 2 x 10/350µs Test - D1 Category	Iimp	1 kA	
Max Power		25 W	
DC Pass		Yes	
Insulation resistance	IR	≥10 GOhms	
RF Power Maximum	W	25.0000	
Return Loss Minimum	db	20	
VSWR Maximum	:1	<1.3	
Max Total Discharge Current Imax (8/20µs x 1)	kA	10.0000	
Max Discharge Current Imax (8/20µs x 1)	kA	10.0000	
RF SPD TYPE		UL497E LISTED	
VOLTS	(V)	48	
AC/DC/DC PV/RF		RF	
WIRES		1W+GROUND	
LINE CURRENT MAX	(A)	10	
AMBIENT MIN	(C)	-40	
AMBIENT MAX	(C)	+85	
IMAX 8/20µs	(kA)	20	
FREQUENCY RANGE	(GHz)	0-4.0	
INSERTION LOSS (@ FREQ)	(db)	<0.2	
RETURN LOSS	(db)	22	
VSWR		<1.25:1	
Installation			
Operating TemperatureMin	°C	-45.0000	
Operating TemperatureMax	°C	85.0000	
Operating TemperatureMin	°F	-50.0000	
Operating TemperatureMax	°F	85.0000	
Operating Relative HumidityMax	%RH	Can be submerged	
Operating AltitudeMin	Ft	2000.0000	
Operating AltitudeMax	Ft	6500.0000	
Housing/Enclosure material		Cu, Zn, Sn plated Brass	
Mounting		Bracket or through hole	
IP Environmental rating/IP		IP65	
NEMA Environmental rating/NEMA		NEMA 4	



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Installation Location		Indoor / outdoor
Spare part		BB HF 90/20
Accessories		BK
Product DimensionL	mm	51.0000
Product DimensionH	mm	26.0000
Product DimensionW	mm	8.7000
Product DimensionL	In	2.0100
Product DimensionH	In	1.0200
Product DimensionW	In	0.3400
Miscellaneous		
Individual Pack		No
Storage TemperatureMin	°C	-40.0000
Storage TemperatureMax	°C	85.0000
Storage TemperatureMin	°F	-40.0000
Storage TemperatureMax	°F	85.0000
Mechanical Characteristics		
Technology		Gas discharge tube
Connection to Network		Connector F Female/Female
Operating temperature	Tu	-40/+85°C
Protection rating		IP65
Failsafe mode		Short-circuit
Contacts		Bronze/Surface Au-Ag
Insulation material		PTFE
TECHNOLOGY		GDT
CONNECTION METHOD		SERIES CONNECTOR, BI-DIRECTIONAL
MOUNTING		BULKHEAD, OPTIONAL BRACKET
MATERIAL		Cu, Zn, Sn plated Brass, PTFE
NEMA RATING (IP RATING)		NEMA 6P (IP67)
DIMENSIONS		See diagram
WEIGHT		0.30 lbs
Standards		
RohS compliance		Yes
UL STANDARD		UL497E
UL CATEGORY		QVLA
UL FILE NUMBER		E349646
STANDARDS		NOM-003-SCFI-2014, NOM-001-SCFI-1993
ENVIRONMENTAL STANDARDS		ROHS
Part number		
60211		

