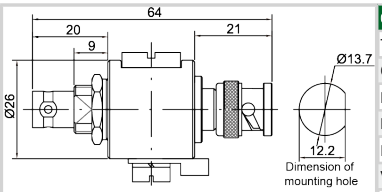
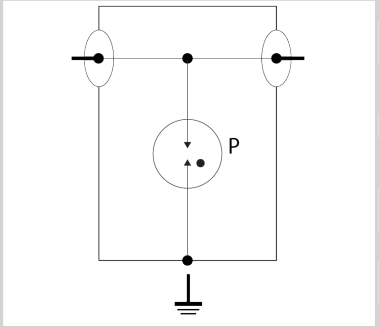
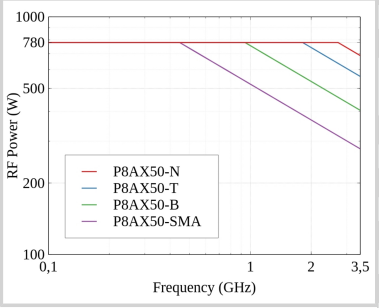
P8AX50-B/MF

- 4GHz Bi-Directional Coaxial Surge Protector - High Energy GDT Technology - Low Insertion Loss - Field Replaceable GDT - Waterproof Design - DC Pass - UL497E Listed

RoHS



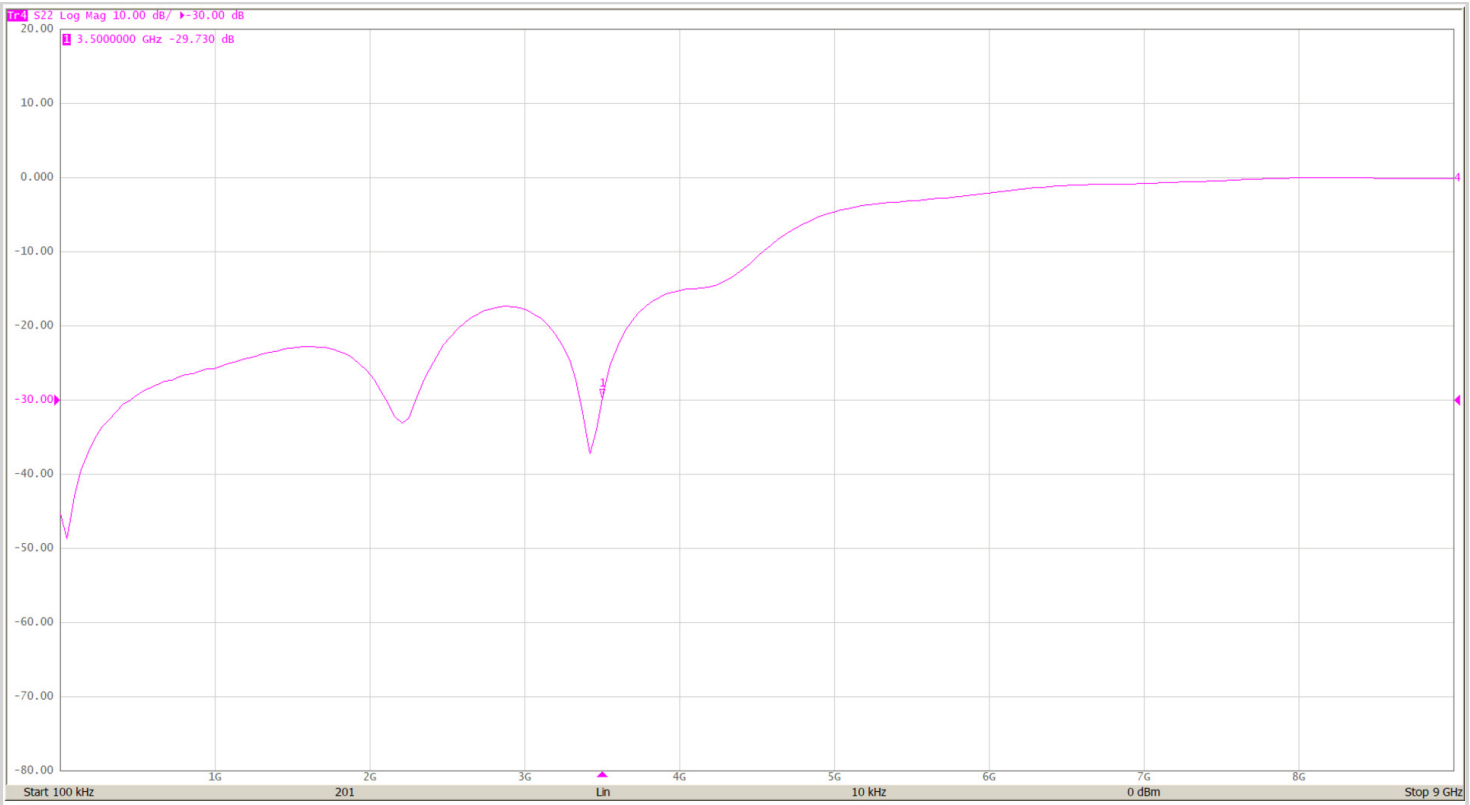


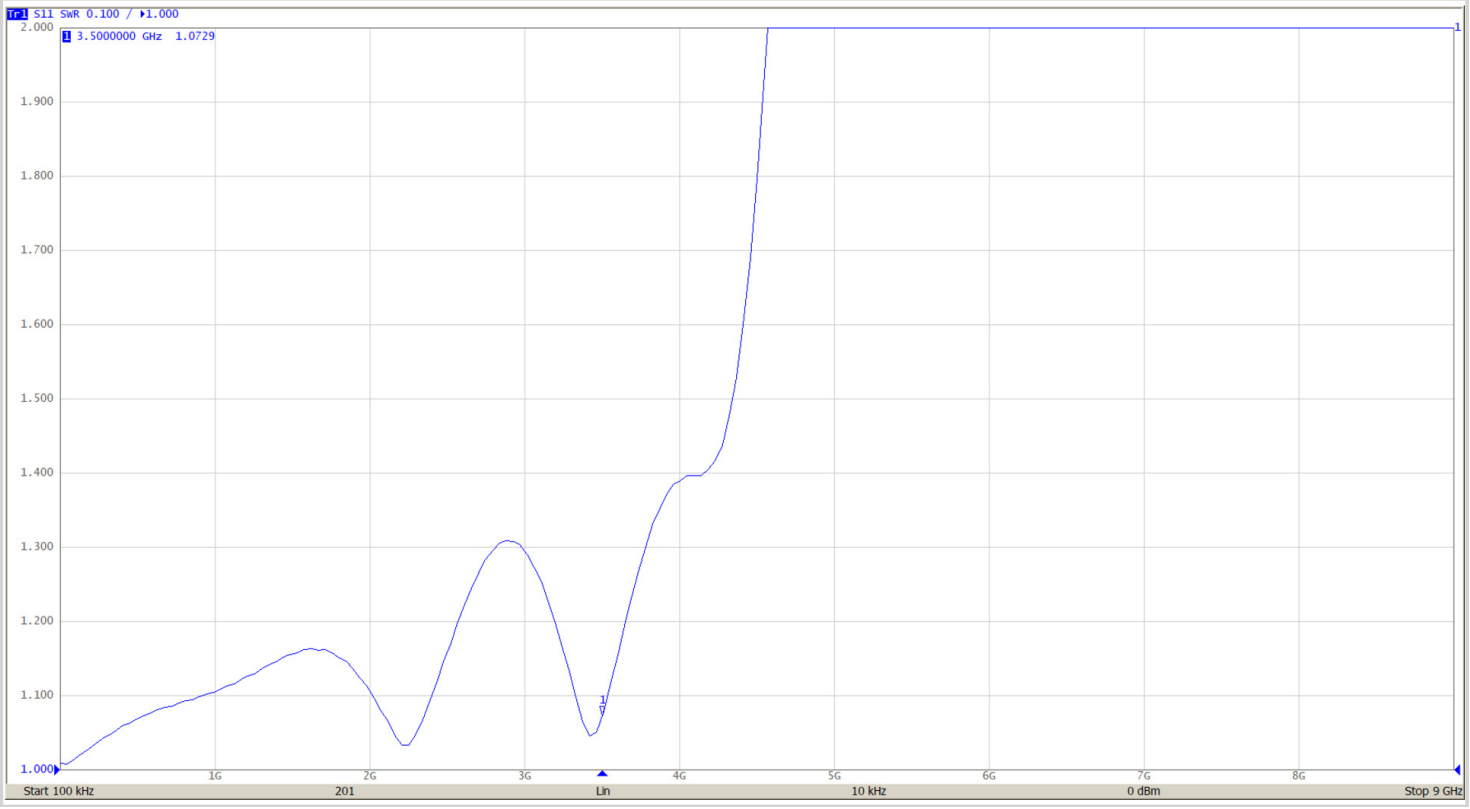


Características eléctricas		
Tensión DC máx. de operación	Uc	400 Vdc
Gama de frecuencia	f	DC-3.5 GHz
Perdida de inserción		< 0.2 dB
Return loss		> 20 dB
Impedancia		50 ohms
VSWR - ROE		<1.2:1
Corriente máx. De línea @25°C	IL	10 A
Corriente de descarga máxima *Capacidad máx. En onda 8/20µs por polo*	Imax	20 kA
Corriente de descarga nominal *Prueba 8/20µs x 10 - categoria C2*	In	5 kA
Modo(s) de protección		Modo común
Nivel de protección *@1kV/µs (C3)*	Up	< 1200 V
Corriente de choque *Prueba 10/350µs x 2 - categoría D1*	Iimp	1 kA
Potencia máx.		404 W
Típico dejar pasar la energía *(50 ohms) entrada 4kV 1.2/50µs - 2kA 8/20µs*		1100 µJ
DC Pass		Yes
Resistencia de aislamiento	IR	≥10 GOhms
RF Power	W	780.0000
Return Loss	db	20
VSWR	:1	<1.2:1
Max Total Discharge Current	kA	20.0000
Max Discharge Current	kA	20.0000
RF SPD TYPE		UL497E LISTED
TENSION	(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	(kA)	20
FREQUENCY RANGE	(GHz)	0-4.0
INSERTION LOSS (@ FREQ)	(db)	<0.2
RETURN LOSS	(db)	22
VSWR		<1.25:1
Instalación		
Operating Temperature	°C	-45.0000
Operating Temperature	°C	85.0000
Operating Temperature	°F	-50.0000
Operating Temperature	°F	85.0000
Operating Relative Humidity	%RH	Can be submerged
Operating Altitude	Ft	2000.0000
Operating Altitude	Ft	6500.0000
Housing/Enclosure material		Cu, Zn, Sn plated Brass
Mounting		Bracket or Bulkhead through-hole
IP Environmental rating		IP65
NEMA Environmental rating		NEMA 4
Installation Location		Indoor / outdoor
Spare part		BB HF 500/20
Accesorio		BK series mounting bracket
Product Dimension	mm	64.0000
Product Dimension	mm	26.0000

P8AX50-B/MF

Product Dimension	mm	12.2000
Product Dimension	In	2.5200
Product Dimension	In	1.0200
Product Dimension	In	0.4800
Miscelánea		
Individual Pack		No
Storage Temperature	°C	-40.0000
Storage Temperature	°C	85.0000
Storage Temperature	°F	-40.0000
Storage Temperature	°F	85.0000
Características mecánicas		
Tecnología		Descargador de gas
Conexión à la red		Conector BNC Macho/Hembra
Montaje		Pasamuros (3/4')
Temperatura de operación	Tu	-40/+85°C
Clase de protección		IP65
Modo de fallo		Corto-circuito
Contact		Bronce/Superficie Au-Ag
aislamiento		PTFE
TECNOLOGIA		GDT
FORMA DE CONEXION		SERIES CONNECTOR, BI-DIRECTIONAL
MONTAJE		BULKHEAD, OPTIONAL BRACKET
MATERIAL		Housing-Cu, Zn, Sn plated Brass
NEMA RATING (IP RATING)		NEMA 6P (IP67)
DIMENSIONS		See diagram
WEIGHT		0.30 lbs
Normas		
Normas ambientales		EU RoHS
Conformidad RoHs		Si
UL STANDARD		UL497E
UL CATEGORY		QVLA
UL FILE NUMBER		E349646
NORMAS		NOM-003-SCFI-2014, NOM-001-SCFI-1993
Código		
60107		


Tr4 S22 Log Mag 10.00 dB/ ▸-30.00 dB
1 3.5000000 GHz -29.730 dB
20.00
10.00
0.000
-10.00
-20.00
-30.00
-40.00
-50.00
-60.00
-70.00
-80.00
1G
2G
3G
4G
5G
6G
7G
8G
Start 100 kHz
201
Lin
10 kHz
0 dBm
Stop 9 GHz


Tr1 S11 SWR 0.100 / ▸1.000
1 3.5000000 GHz 1.0729
2.000
1.900
1.800
1.700
1.600
1.500
1.400
1.300
1.200
1.100
1.000
1G
2G
3G
4G
5G
6G
7G
8G
Start 100 kHz
201
Lin
10 kHz
0 dBm
Stop 9 GHz