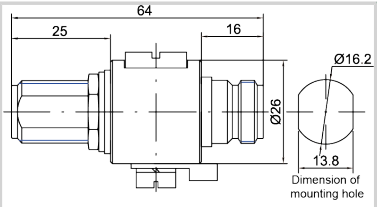
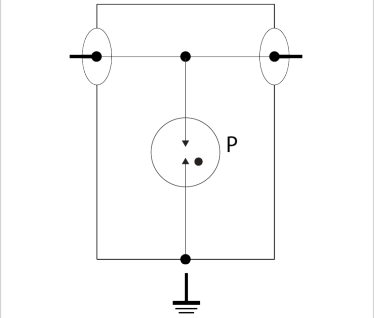
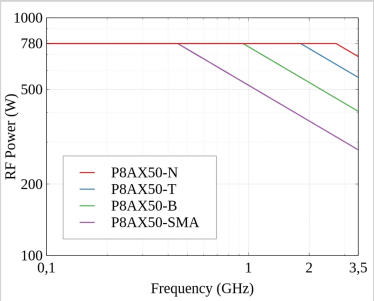
P8AX50-N/FF



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



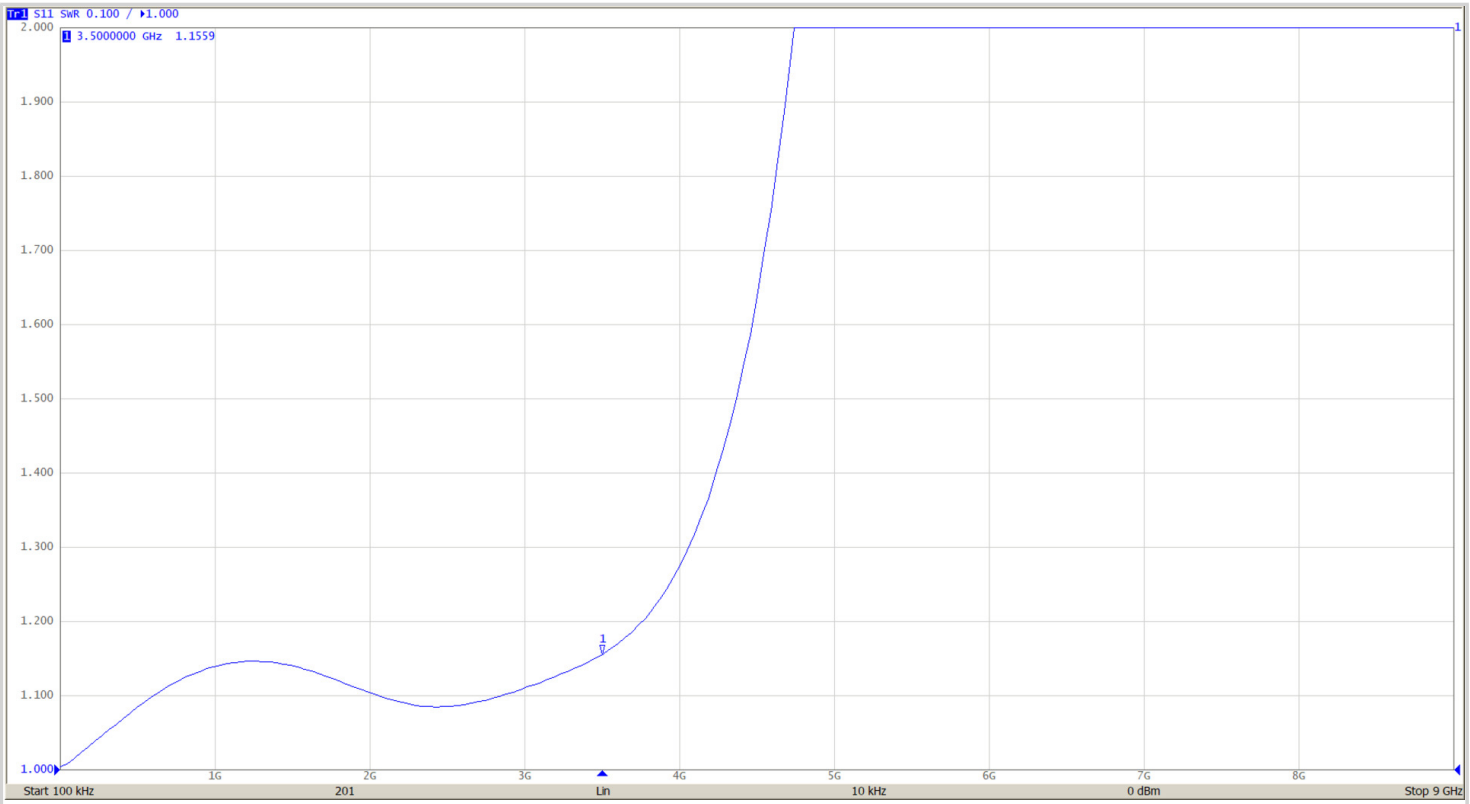


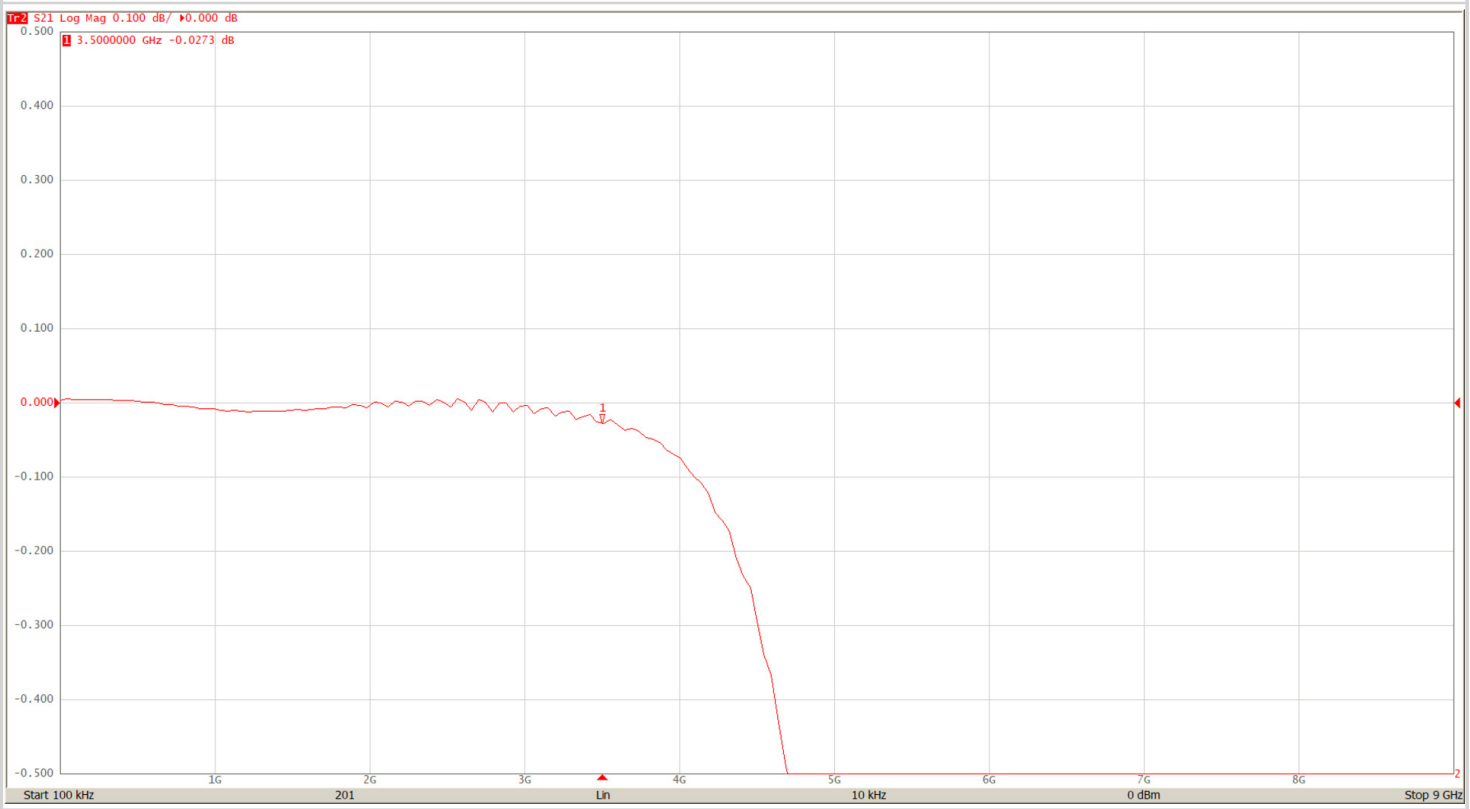


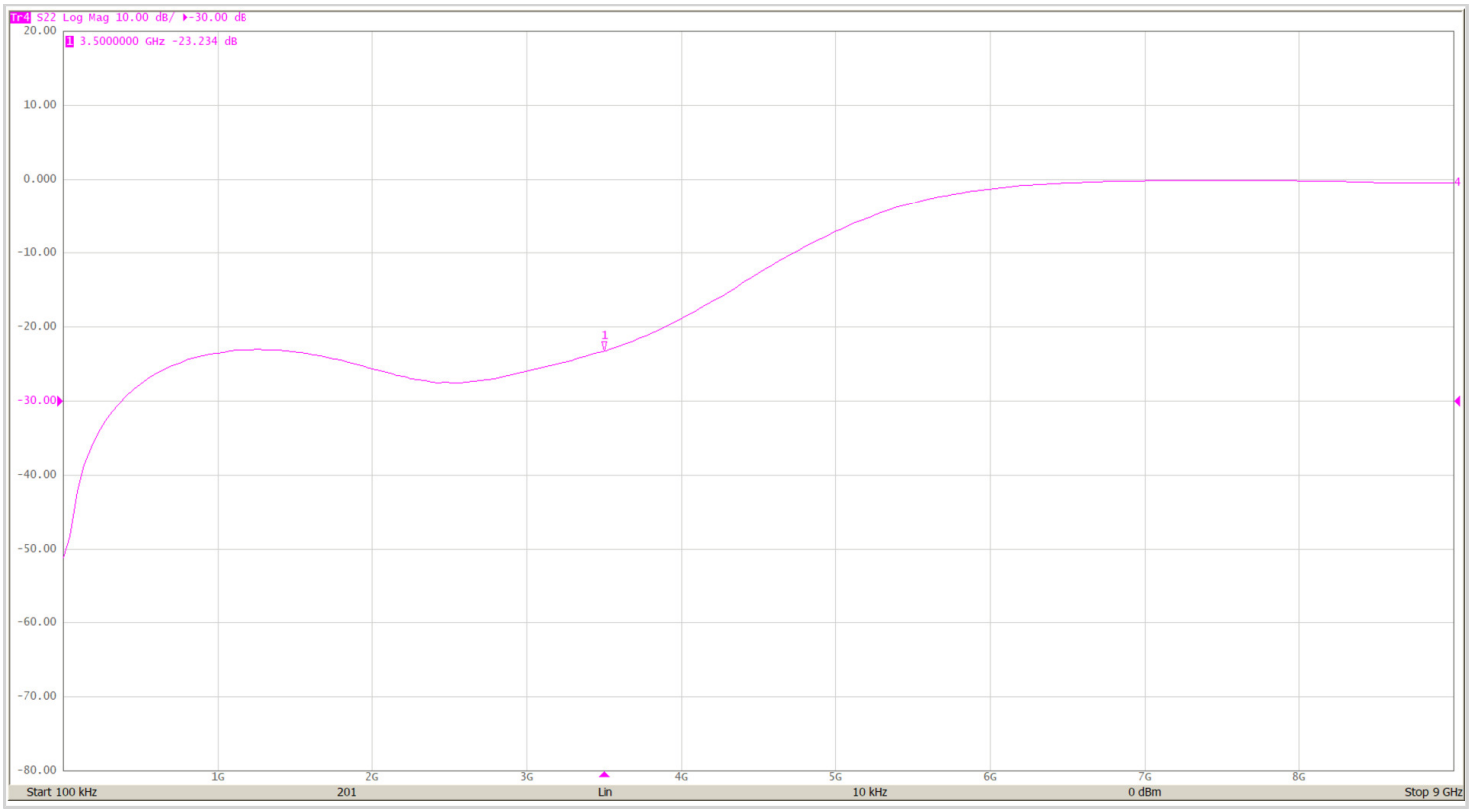
Electrical Characteristics		
Max. DC operating voltage	Uc	400 Vdc
Impedance		50 ohms
Max. discharge current *max. withstand @ 8/20 µs by pole*	Imax	20 kA
Nominal discharge current *C2 Category*	In	5 kA
Protection level *@1kV/µs (C3)*	Up	< 1200 V
Impulse current *2 x 10/350µs Test - D1 Category*	limp	1 kA
Max RF Power		687 W
Typical let through energy *(50 ohms) input 4kV 1.2/50µs - 2kA 8/20µs*		1100 µJ
DC Pass		Yes
Insulation resistance	IR	≥10 GOhms
RF SPD TYPE		UL497E LISTED
VOLTS	(V)	48
AC/DC/DC PV/RF		RF
LINE CURRENT MAX	(A)	10
AMBIENT MIN	(C)	-50
AMBIENT MAX	(C)	+85
IMAX *8/20µs*	(kA)	20
FREQUENCY RANGE	(GHz)	0-4.0
INSERTION LOSS (@ FREQ)	(db)	<0.2
RETURN LOSS	(db)	=>20
VSWR		<1.20:1
Installation		
Mounting		Bracket or Bulkhead through-hole
Accessories		BK series mounting bracket
Mechanical Characteristics		
Technology		Gas discharge tube
Connection to Network		Connector N Female/Female
Mounting		Bulkhead or Bracket
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 N-Type Connector-Female-Female
MOUNTING		BULKHEAD, OPTIONAL BRACKET
MATERIAL		Housing-Cu, Zn, Sn plated Brass
NEMA RATING (IP RATING)		NEMA 6P (IP67)
DIMENSIONS		See diagram
WEIGHT		0.30 lbs
Standards		
Environmental standards		EU RoHS

P8AX50-N/FF

UL STANDARD		UL497E
UL CATEGORY		QVLA
UL FILE NUMBER		E349646
STANDARDS		NOM-003-SCFI-2014, NOM-001-SCFI-1993
Part number		
60017		






Tr4 S22 Log Mag 10.00 dB/ ▸-30.00 dB
1 3.5000000 GHz -23.234 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