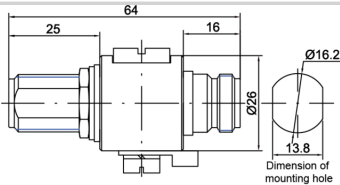


P8AX50-N/FF



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



Electrical Characteristics		
Frequency range	f	DC-3.5 GHz
Insertion loss		< 0.2 dB
Return loss		> 20 dB
Impedance		50 ohms
VSWR		<1.2:1
Max. load current	IL	10 A
Protection mode(s)		Common mode
Impulse current(2 x 10/350µs Test - D1 Category)	Iimp	1 kA
Nominal discharge current(8/20µs Test x 10 - C2 Category)	In	5 kA
Max Power		780 W
DC Pass		true
Insulation resistance	IR	≥10 GOhms
RF Power(Maximum)	W	780.0000
Return Loss(Minimum)	db	>20
VSWR(Maximum)	:1	<1.2:1
Max Total Discharge Current(I <sub>max</sub> (8/20µs x 1))	kA	20.0000
Max Discharge Current(I <sub>max</sub> (8/20µs x 1))	kA	20.0000
DC Pass		Yes
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
IN(10 impulses 8/20µs)	(kA)	10.0000
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 Temperature(Min)	°C	-45.0000
Operating Temperature(Max)	°C	85.0000
Operating Temperature(Min)	°F	-50.0000
Operating Temperature(Max)	°F	85.0000
Operating Relative Humidity(Max)	%RH	Can be submerged
Operating Altitude(Min)	Ft	2000.0000
Operating Altitude(Max)	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
Installation Location		Indoor / outdoor
Spare part		BB HF 500/20
Accessories		BK
Product Dimension(L)	mm	64.0000

P8AX50-N/FF

Product Dimension(H)	mm	26.0000
Product Dimension(W)	mm	13.8000
Product Dimension(L)	In	2.5100
Product Dimension(H)	In	1.0200
Product Dimension(W)	In	0.5400
<b>Miscellaneous</b>		
Individual Pack		No
Storage Temperature(Min)	°C	-40.0000
Storage Temperature(Max)	°C	85.0000
Storage Temperature(Min)	°F	-40.0000
Storage Temperature(Max)	°F	85.0000
<b>Mechanical Characteristics</b>		
Outdoor application		Yes
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 (mm)
WEIGHT		0.30 lbs
<b>Standards</b>		
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
<b>Part number</b>		
60017		

## X-ON Electronics

Largest Supplier of Electrical and Electronic Components

*Click to view similar products for [Surge Suppressors](#) category:*

*Click to view products by [Citel](#) manufacturer:*

Other Similar products are found below :

[2800521](#) [GUS11](#) [GUS4](#) [30460](#) [IE103](#) [SRA64C060X](#) [PC642C015](#) [1810-15-A3](#) [2713175](#) [4B06B-EC1-150LF](#) [SRA6LC](#) [CX06M](#) [CCTV1](#)  
[GUS13](#) [GUS14](#) [GUS5](#) [VAL-MS 320/3+0-FM](#) [TTC-6-1X2-M-24DC-UT-I](#) [TTC-6P-1X2-24DC-UT-I](#) [TTC-6P-1X2-M-24DC-UT-I](#) [VAL-](#)  
[SEC-T2-1S-350-FM](#) [VAL-US-120/40/1+1-FM](#) [VAL-US-120/65/1+1-FM](#) [VAL-US-480D/30/3+0-FM](#) [VAL-US-120/40/1+0-FM](#)  
[STCHSP121BT1RU](#) [LP-GTR-NFF](#) [LP-BFDN-CW](#) [LP-STRL-NFF](#) [LP-STRL-DFF](#) [0804111](#) [5053609](#) [5053201](#) [SPD2-150-1P0](#) [SPD2-550-](#)  
[1P0](#) [1-2191595-2](#) [STC-CAT6-P0E-I](#) [SPD2-350-1P0](#) [SPD2-550-3P0](#) [FLT-CP-350-ST](#) [TTC-6P-3-HF-F-M-12DC-UT-I](#) [TTC-6-2X1-24DC-UT](#)  
[LTC4364CMS-1#TRPBF](#) [DS71RS-120](#) [P8AX09-T/MF](#) [CRMJ8-POE-C6](#) [DS42S-48DC](#) [MJ8-CAT6S](#) [DS41S-280](#) [3414.99.0021](#)