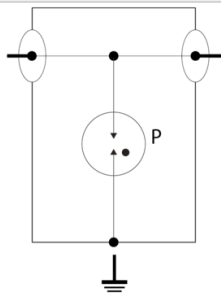
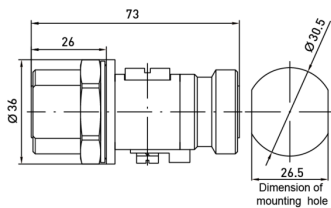


P8AX09-716/FF



► 6GHz Bi-Directional Coaxial Surge Protector - High Energy GDT Technology - Low Insertion Loss - Field Replaceable GDT - Waterproof Design - DC Pass - UL497E Listed



P: 2-electrode gas discharge tube

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(Max)	m	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 90/20
Accessories		BK
Product Dimension(L)	mm	73.0000
Product Dimension(H)	mm	36.0000
Product Dimension(W)	mm	26.5000
Product Dimension(L)	In	2.8700
Product Dimension(H)	In	1.4200
Product Dimension(W)	In	1.0400

Miscellaneous

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

Electrical Characteristics

Insulation resistance	IR	≥10 GOhms
RF Power(Maximum)	W	25.0000
Return Loss(Minimum)	db	>20
VSWR(Maximum)	:1	<1.2:1
Max Total Discharge Current(I _{max} [8/20μs x 1])	kA	10.0000
Max Discharge Current(I _{max} [8/20μs x 1])	kA	10.0000
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	(db)	<0.2
RETURN LOSS	(db)	>22
VSWR		<1.25:1

Mechanical Characteristics

Technology		Gas discharge tube
Dimensions		See diagram
Insulation material		PTFE
TECHNOLOGY		GDT
CONNECTION METHOD		SERIES CONNECTOR, BI-DIRECTIONAL
MOUNTING		BULKHEAD, OPTIONAL BRACKET
MATERIAL		Cu, Zn, Sn plated Brass, PTFE



P8AX09-716/FF

NEMA RATING (IP RATING)	NEMA 6P (IP67)
DIMENSIONS	See diagram (mm)
WEIGHT	0.30 lbs
Standards	
Standards compliance	IEC 61643-21 / EN 61643-21 / UL497C / UL497E
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	
60411	

