

RF Coaxial Protectors - 6 GHz P8AX-6G series

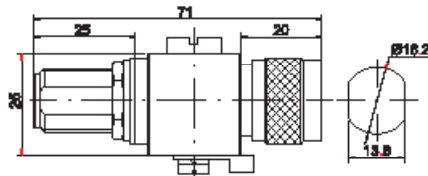


CITEL

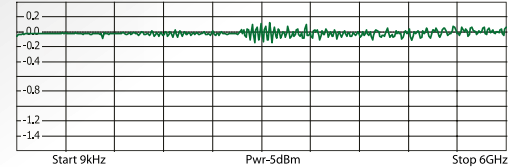


P8AX09-6G-N/MF

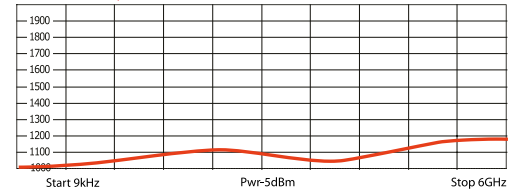
P8AX-6G-N/MF
[exemple]



Insertion Loss 0.2 dB/div

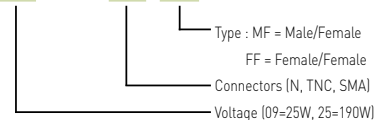


VSWR 100 mV/div



- Coaxial surge protector 6 GHz
- Low insertion losses
- Waterproof
- Removable GDT
- DC-pass
- Bi-directional protection

P8AX-6G-



Characteristics

CITEL Model		P8AX09-6G*	P8AX25-6G*	
Description		RF coaxial protector - 6 GHz	RF coaxial protector - 6 GHz	
Technology		Gas discharge tube	Gas discharge tube	
Max. frequency	f	DC-6GHz	DC-6GHz	
Max Power	P	25 W	190 W	
Impedance	Z	50 ohms	50 ohms	
Insertion loss		< 0.2dB	< 0.2dB	
Return loss		> 20 dB	> 20 dB	
VSWR		<1.25:1	<1.25:1	
Max. Load current	IL	10 A	10 A	
Nominal discharge current - 8/20µs Test x 10 - C2 category	In	5 kA	5 kA	
Max. discharge current - max. withstand @ 8/20 µs	Imax	20 kA	20 kA	
Impulse current - 2 x 10/350µs Test - D1 Category	Iimp	2.5 kA	2.5 kA	
Protection level	Up	< 1100 V	< 2300 V	
Failsafe behavior		Short-circuit	Short-circuit	
Mechanical characteristics				
Dimensions		see diagram		
Connection to Network		N . TNC. SMA		
Disconnection indicator		transmission interrupt		
Mounting		Feedthrough		
Operating temperature		-40/+85°C		
Protection rating		IP65		
Housing material		Brass/Surface plating : Cu Zn Sn		
Contacts		Bronze/Surface Au-Ag		
Insulation material		PTFE		
RohS compliance		yes		
Spare unit		2 x BA HF-90/20		2 x BA HF -150/20
Standards compliance		IEC 61643-21 / EN 61643-21 / UL497C / UL497E		
Part number				
TNC connector Female/Female		P8AX09-6G-T/FF	68311	P8AX25-6G-T/FF 68314
TNC connector Male/Female		P8AX09-6G-T/MF	68301	P8AX25-6G-T/MF 68304
N connector Female/Female		P8AX09-6G-N/FF	68011	P8AX25-6G-N/FF 68014
N connector Male/Female		P8AX09-6G-N/MF	68001	P8AX25-6G-N/MF 68004
SMA connector Female/Female		P8AX09-6G-SMA/FF	68511	P8AX25-6G-SMA/FF 68514
SMA connector Male/Female		P8AX09-6G-SMA/MF	68501	P8AX25-6G-SMA/MF 68504