

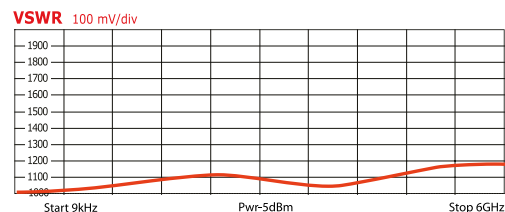
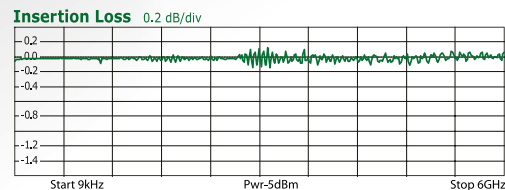
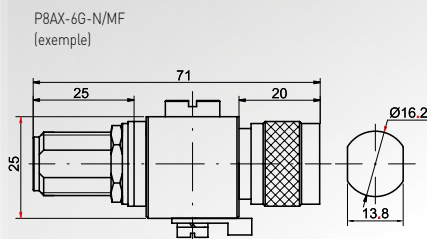
RF Coaxial Protectors - 6 GHz P8AX-6G series



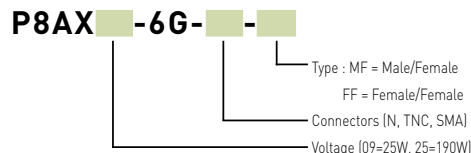
CITEL



P8AX09-6G-N/MF



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



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	70 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	10A		10A	
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