



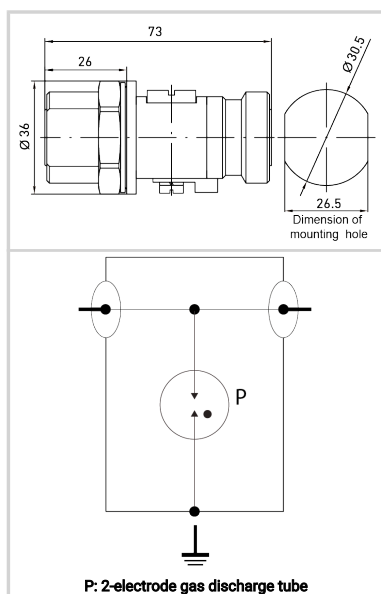
CITEL



Coaxial surge protector DC-2.5 GHz

P8AX80-716/FF

- 'Quarter wave' coaxial protector type 7/16
- Frequency : 870-960 MHz
- Low insertion loss
- I_{max} > 50 kA
- Maintenance free
- Bi-directional
- IP65



P: 2-electrode gas discharge tube

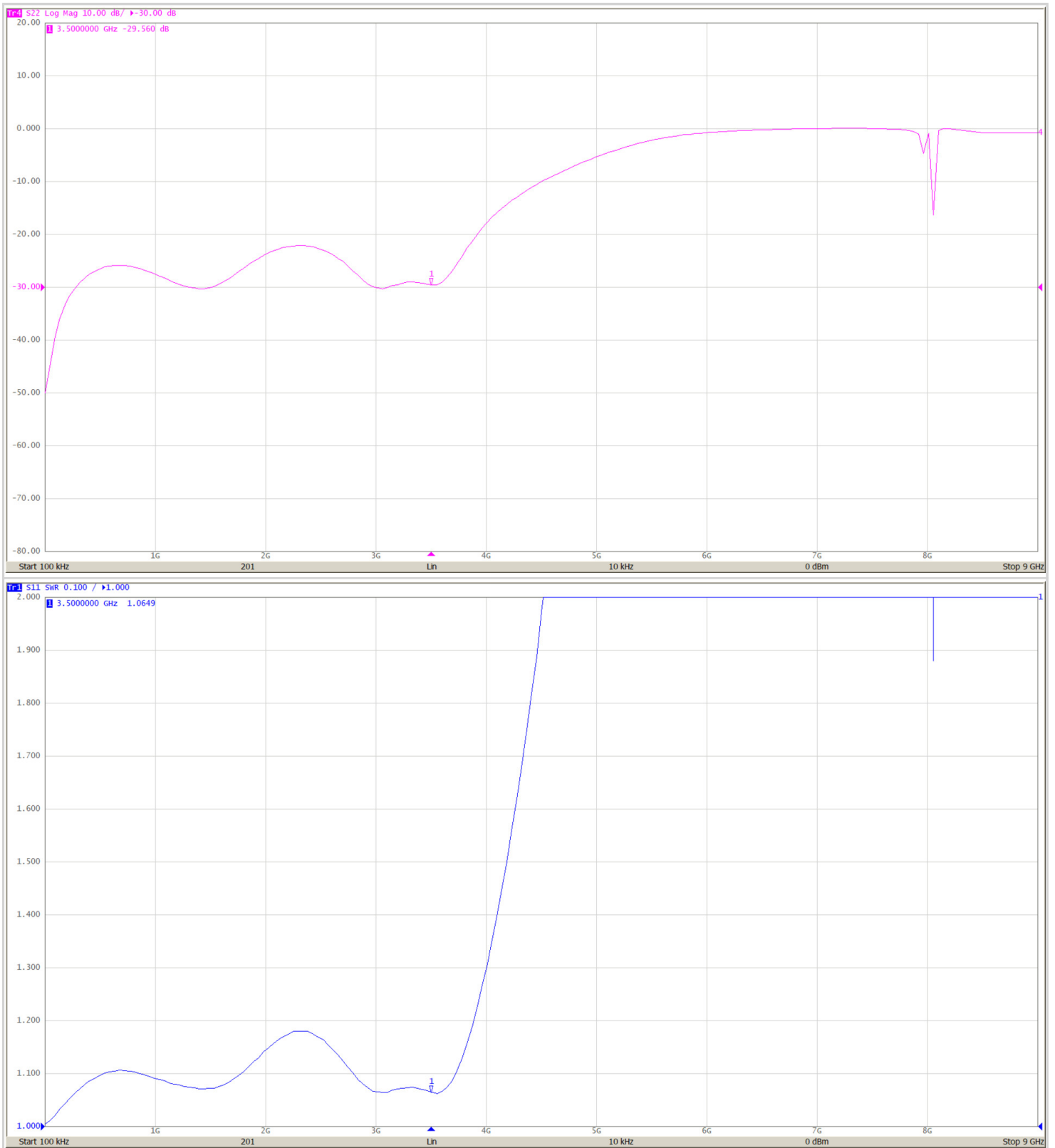
Electrical Characteristics		
Max. DC operating voltage	U _c	640 Vdc
Frequency range	f	DC-2.5 GHz
Insertion loss		< 0.2 dB
Return loss		> 20 dB
Impedance		50 ohms
VSWR		<1.2:1
Max. load current @25°C	I _L	10 A
Residual Current Leakage current to Ground	I _{pe}	None
Max. discharge current max. withstand @ 8/20 µs by pole	I _{max}	20 kA
Nominal discharge current C2 Category	I _n	5 kA
Protection mode(s)		Common mode
Protection level @1kV/µs (C3)	U _p	< 1600 V
Impulse current 2 x 10/350µs Test - D1 Category	I _{imp}	1 kA
Max RF Power		1670 W
DC Pass		Yes
Insulation resistance	I _R	≥10 GOhms
Mechanical Characteristics		
Technology		Gas discharge tube
Connection to Network		7/16 Femelle to 7/16 Bulkhead Female
Mounting		Bulkhead or Bracket
Housing material		Brass/Surface plating: Cu Zn Sn
Operating temperature	T _u	-40/+85°C
Relative Humidity		5 - 85%
Protection rating		IP65
Failsafe mode		Short-circuit
Disconnection indicator		Transmission interrupt
Spare module(s)		BH-800V
Dimensions		See diagram
Contacts		Bronze/Surface Au-Ag
Standards		
Standards compliance		IEC 61643-21 / EN 61643-21 / UL497E
RohS compliance		Yes
Part number		
60418		



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