



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



	Electrical Characteristics		
<p>P: 2-electrode gas discharge tube</p>	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	IL	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
	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
	Nominal discharge current C2 Category	I _n	5 kA
	Max Power		1670 W
	DC Pass		Yes
	Insulation resistance	IR	≥10 GOhms
	Mechanical Characteristics		
	Technology		Gas discharge tube
	Connection to Network		7/16 Femelle to 7/16 Bulkhead Female
	Mounting		Feedthrough
	Housing material		Brass/Surface plating: Cu Zn Sn
	Operating temperature	T _u	-40/+85°C
	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		

