



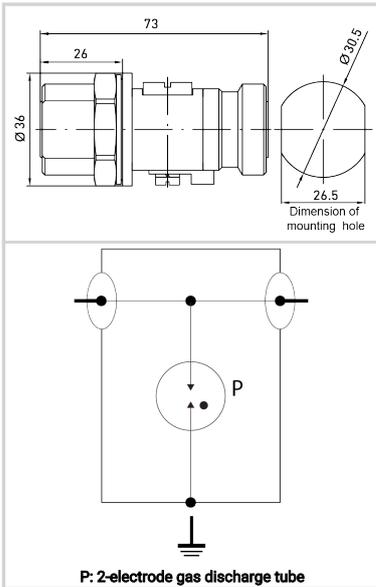
CITEL

Coaxial surge protector DC-2.5 GHz

P8AX80-716/FF



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



Electrical Characteristics		
Max. DC operating voltage	Uc	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	Ipe	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 10/350 μs Test - D1 Category	I _{imp}	1 kA
Max Power		1670 W
DC Pass		Yes
Insulation resistance	IR	$\geq 10 \text{ G}\Omega\text{ms}$
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	Tu	-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		

