



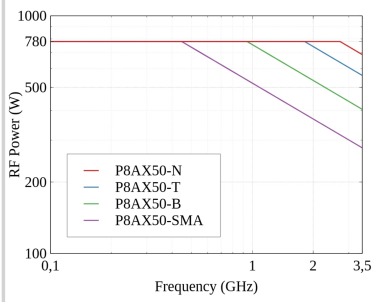
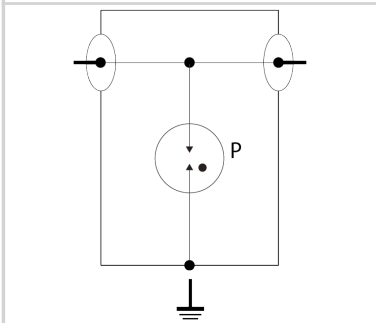
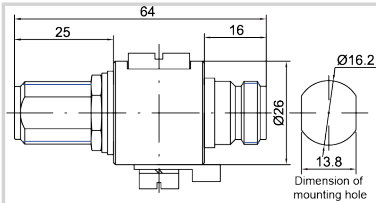
CITEL

Coaxial surge protector DC-3.5 GHz

P8AX50-N/FF



- RF coaxial surge protector
- 3.5 GHz
- Connectors: N
- Low insertion loss
- Removable GDT
- DC-pass
- Bi-directional protection



Electrical Characteristics

Max. DC operating voltage	Uc	400 Vdc
Impedance		50 ohms
Residual Current Leakage current to Ground	Ipe	None
Max. discharge current max. withstand @ 8/20 μ s by pole	I _{max}	20 kA
Nominal discharge current C2 Category	I _n	5 kA
Protection level @1kV/ μ s (C3)	U _p	< 1200 V
Impulse current 2 x 10/350 μ s Test - D1 Category	I _{imp}	1 kA
Max Power		687 W
Typical let through energy (50 ohms) input 4kV 1.2/50 μ s - 2kA 8/20 μ s		1100 μ J
DC Pass		Yes
Insulation resistance	IR	\geq 10 GOhms

Mechanical Characteristics

Technology		Gas discharge tube
Connection to Network		Connector N Female/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)		BBHF-500V
Dimensions		See diagram
Contacts		Bronze/Surface Au-Ag

Standards

Standards compliance		IEC 61643-21 / EN 61643-21 / UL497E
Environmental standards		EU RoHS

Part number

60017

