



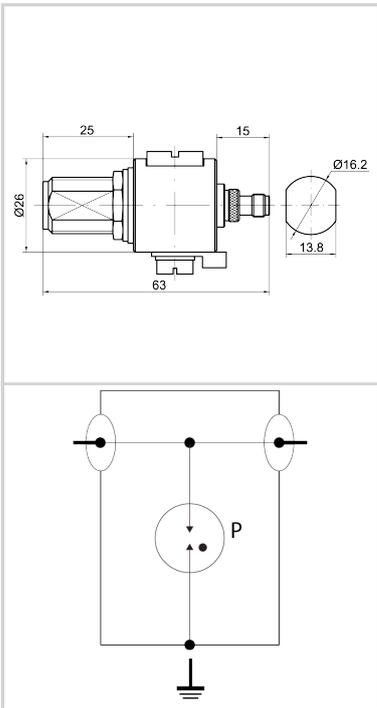
CITEL

Coaxial surge protector DC-3.5 GHz

P8AX50-NWSMA/FF



- RF coaxial surge protector
- 3.5 GHz
- 275 W
- Connectors: N/SMA
- Low insertion loss
- Removal of GDT
- DC-pass
- Bi-directional protection



| Electrical Characteristics | | |
|---------------------------------------------------------------------------|------------------|-------------------------------------|
| Max. DC operating voltage | Uc | 400 Vdc |
| Frequency range | f | DC-3.5 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 |
| Nominal discharge current C2 Category | I _n | 5 kA |
| Protection mode(s) | | Common mode |
| Protection level @1kV/μs (C3) | U _p | < 1200 V |
| Impulse current 2 x 10/350 μs Test - D1 Category | I _{imp} | 1 kA |
| Max Power | | 780 W |
| Typical let through energy (50 ohms) input 4kV 1.2/50 μs - 2kA 8/20 μs | | 1100 μJ |
| DC Pass | | Yes |
| Insulation resistance | IR | ≥ 10 GOhms |
| Mechanical Characteristics | | |
| Technology | | Gas discharge tube |
| Connection to Network | | Connector N Female/SMA 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) | | BBHF-500V |
| Dimensions | | See diagram |
| Contacts | | Bronze/Surface Au-Ag |
| Standards | | |
| Standards compliance | | IEC 61643-21 / EN 61643-21 / UL497E |
| Environmental standards | | EU RoHS |
| RohS compliance | | Yes |
| Part number | | |
| 611826 | | |

