



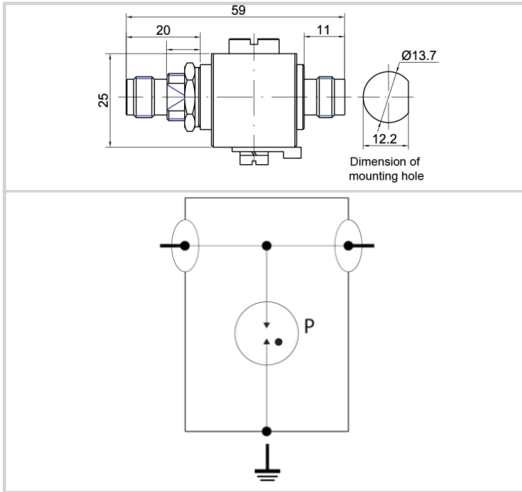
Coaxial surge protector DC-7 GHz

CITEL

P8AX09-6G-T/FF



- RF coaxial surge protector
- DC-7 GHz
- 25 W
- Connectors: TNC
- Low insertion loss
- Removable GDT
- DC-pass
- Bi-directional protection



| Electrical Characteristics | | |
|--|------------------|-------------------------------------|
| Max. DC operating voltage | Uc | 120 Vdc |
| Frequency range | f | DC-7 GHz |
| Insertion loss | | 0.3 dB |
| Return loss | | > 18 dB |
| Impedance | | 50 ohms |
| VSWR | | < 1.3:1 |
| Max. load current @25°C | IL | 10 A |
| Max. discharge current max. withstand @ 8/20 µs by pole | I _{max} | 15 kA |
| Protection mode(s) | | Common mode |
| Protection level @ I _n (8/20 µs) | U _p | < 1100 V |
| Impulse current 2 x 10/350 µs Test - D1 Category | I _{imp} | 1 kA |
| Nominal discharge current C2 Category | I _n | 5 kA |
| Max Power | | 25 W |
| Typical let through energy (50 ohms) input 4kV 1.2/50 µs - 2kA 8/20 µs | | 2.2 mJ |
| DC Pass | | Yes |
| Insulation resistance | IR | ≥10 GOhms |
| Mechanical Characteristics | | |
| Technology | | Gas discharge tube |
| Connection to Network | | Connector TNC Female/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) | | 1 x BA HF |
| Dimensions | | See diagram |
| Contacts | | Bronze/Surface Au-Ag |
| Standards | | |
| Standards compliance | | IEC 61643-21 / EN 61643-21 / UL497E |
| RoHS compliance | | Yes |
| Part number | | |
| 68311 | | |

