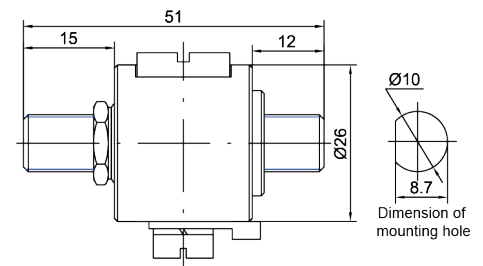




P8AX25-F/FF

- RF coaxial surge protector
- 2 GHz
- 190 W
- Connectors : F
- Low insertion loss
- Removable GDT
- DC-pass
- Bi-directional protection

| Electrical Characteristics | | |
|---|------------------|-------------------------|
| Residual Current <i>Leakage current to Ground</i> | I _{pe} | none |
| Max. discharge current <i>max. withstand @ 8/20 μs by pole</i> | I _{max} | 20 kA |
| Max. load current | I _L | 10A |
| Protection mode(s) | | MC |
| Protection level <i>@ I_n (8/20 μs)</i> | U _p | < 750 V |
| Impulse current <i>2 x 10/350 μs Test - D1 Category</i> | I _{imp} | 1 kA |
| Nominal discharge current <i>8/20 μs Test x 10 - C2 Category</i> | I _n | 5 kA |
| Max. frequency | f | DC - 2GHz |
| Impedance | | 75 ohms |
| Insertion loss | | < 0.5 dB |
| Max Power | | 190 W |
| Return loss | | > 19 dB |
| VSWR | | < 1.3:1 |
| Insulation resistance | | ≥10 GOhms |
| bandwidth limit <i>low</i> | kHz | dc |
| bandwidth limit <i>high</i> | kHz | 2000000 |
| Impedance | Ω | 75 |
| Insertion loss <i>Maximum</i> | db | <0.5 |
| Return Loss <i>Minimum</i> | db | >20 |
| VSWR <i>Maximum</i> | :1 | <1.3 |
| Nominal Discharge Current <i>I_n (8/20 μs x 10)</i> | kA | 5 |
| DC Pass | | Yes |
| Connection Method | | Series (bi-directional) |
| End of life | | Short-circuit |





| Mechanical Characteristics | |
|----------------------------|--|
| Technology | Gas discharge tube |
| Connection to Network | Connector F Female/Female |
| Mounting | Feedthrough |
| Housing material | Brass/Surface plating : Cu Zn Sn |
| Operating temperature | -40/+85°C |
| Protection rating | IP66 |
| Failsafe behavior | Short-circuit |
| Disconnection indicator | transmission interrupt |
| Spare module | BBHF-250V |
| Contacts | Bronze/Surface Au-Ag |
| Insulation material | PTFE |
| Technology | GDT |
| Norms | |
| Standards compliance | IEC 61643-21 / EN 61643-21 / UL497C / UL497E |
| Code article | 60214 |