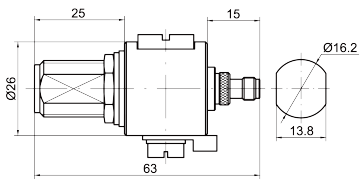
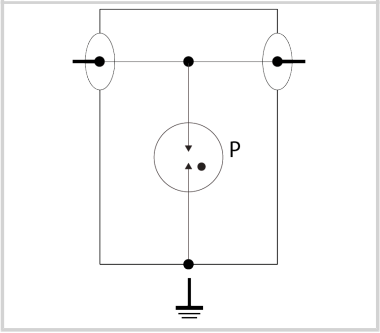
*Coaxial surge protector DC-3.5 GHz*

# P8AX50-NWSMA/FF

- RF coaxial surge protector
- 3.5 GHz
- 275 W
- Connectors: N/SMA
- Low insertion loss
- Removale 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<br>*Leakage current to Ground* | Ipe | None |
| Max. discharge current<br>*max. withstand @ 8/20 µs by pole* | Imax | 20 kA |
| Nominal discharge current<br>*C2 Category* | In | 5 kA |
| Protection mode(s) | | Common mode |
| Protection level<br>*@1kV/µs (C3)* | Up | < 1200 V |
| Impulse current<br>*2 x 10/350µs Test - D1 Category* | Iimp | 1 kA |
| Max RF Power | | 780 W |
| Typical let through energy<br>*(50 ohms) input 4kV 1.2/50µs - 2kA 8/20µs* | | 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 | Tu | -40/+85°C |
| Relative Humidity | | 5 - 85% |
| Protection rating | | IP65 |
| Failsafe mode | | Short-circuit |
| Disconnection indicator | | Transmision 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** | | |

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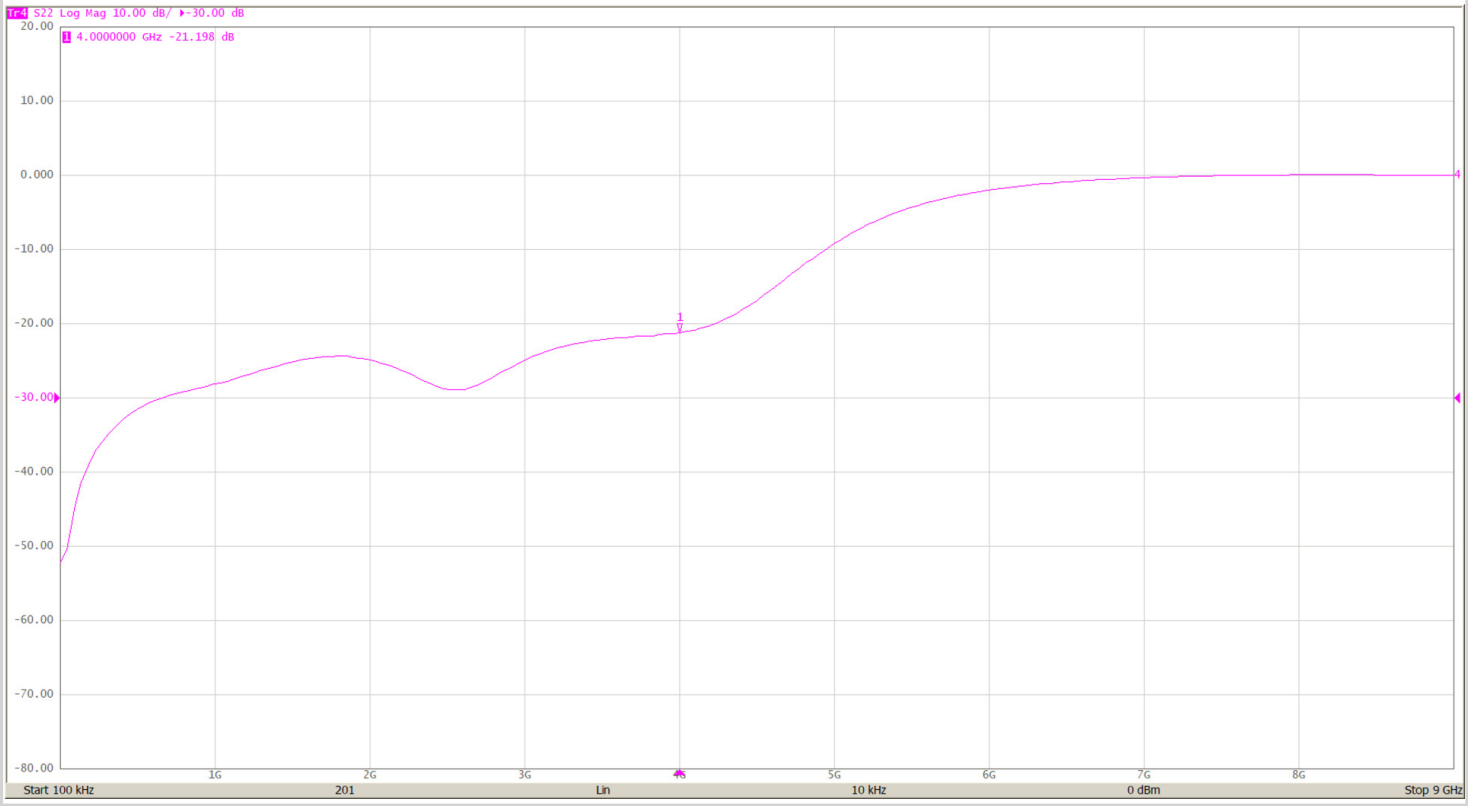
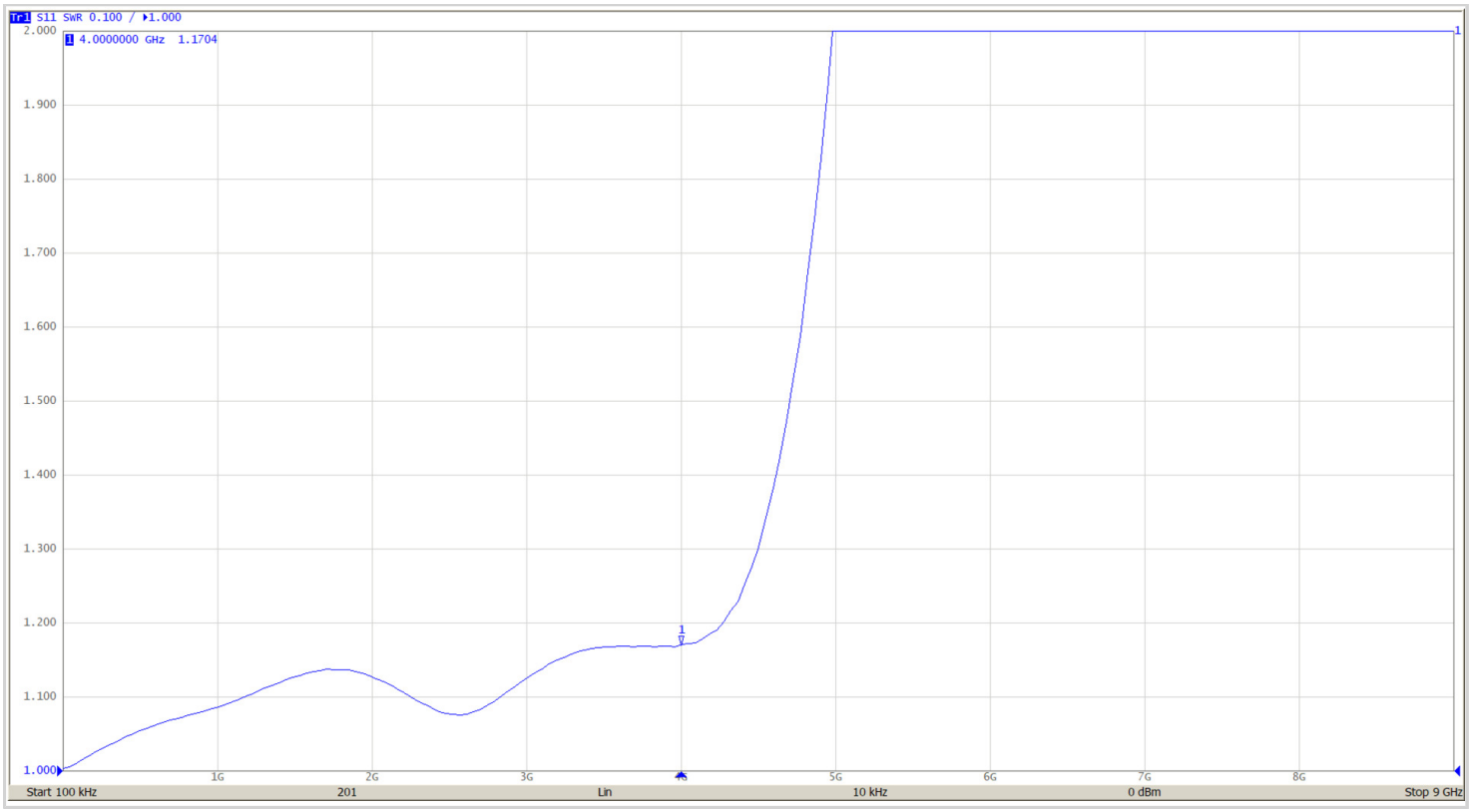
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