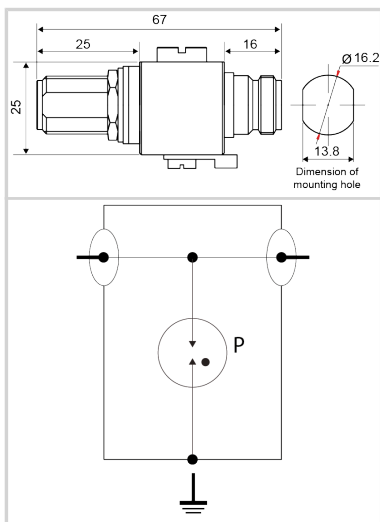




# CITEL



## Coaxial surge protector DC-7 GHz

### P8AX25-6G-N/FF

- RF coaxial surge protector
- DC-7 GHz
- 190 W
- Connectors : N
- Low insertion loss
- Removal GDT
- DC-pass
- Bi-directional protection



#### Electrical Characteristics

|                                                                         |                  |             |
|-------------------------------------------------------------------------|------------------|-------------|
| Max. DC operating voltage                                               | Uc               | 200 Vdc     |
| Frequency range                                                         | f                | DC-6 GHz    |
| Insertion loss                                                          |                  | < 0.2 dB    |
| Return loss                                                             |                  | > 19 dB     |
| Impedance                                                               |                  | 50 ohms     |
| VSWR                                                                    |                  | <1.25:1     |
| Max. load current @25°C                                                 | IL               | 10 A        |
| Max. discharge current<br>max. withstand @ 8/20 µs by pole              | I <sub>max</sub> | 15 kA       |
| Nominal discharge current<br>C2 Category                                | I <sub>n</sub>   | 5 kA        |
| Protection mode(s)                                                      |                  | Common mode |
| Protection level<br>@ I <sub>n</sub> (8/20µs)                           | Up               | < 2300 V    |
| Impulse current<br>2 x 10/350µs Test - D1 Category                      | I <sub>imp</sub> | 1 kA        |
| Max RF Power                                                            |                  | 190 W       |
| Typical let through energy<br>(50 ohms) input 4kV 1.2/50µs - 2kA 8/20µs |                  | 2.2 mJ      |
| DC Pass                                                                 |                  | Yes         |
| Insulation resistance                                                   | IR               | ≥10 GOhms   |

#### Mechanical Characteristics

|                         |    |                                 |
|-------------------------|----|---------------------------------|
| Technology              |    | Gas discharge tube              |
| Connection to Network   |    | Connector N Female/Female       |
| Mounting                |    | Feedthrough                     |
| Housing material        |    | Brass/Surface plating: Cu Zn Sn |
| Operating temperature   | Tu | -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 |
| Environmental standards |  | EU RoHS                             |
| RohS compliance         |  | Yes                                 |

#### Part number

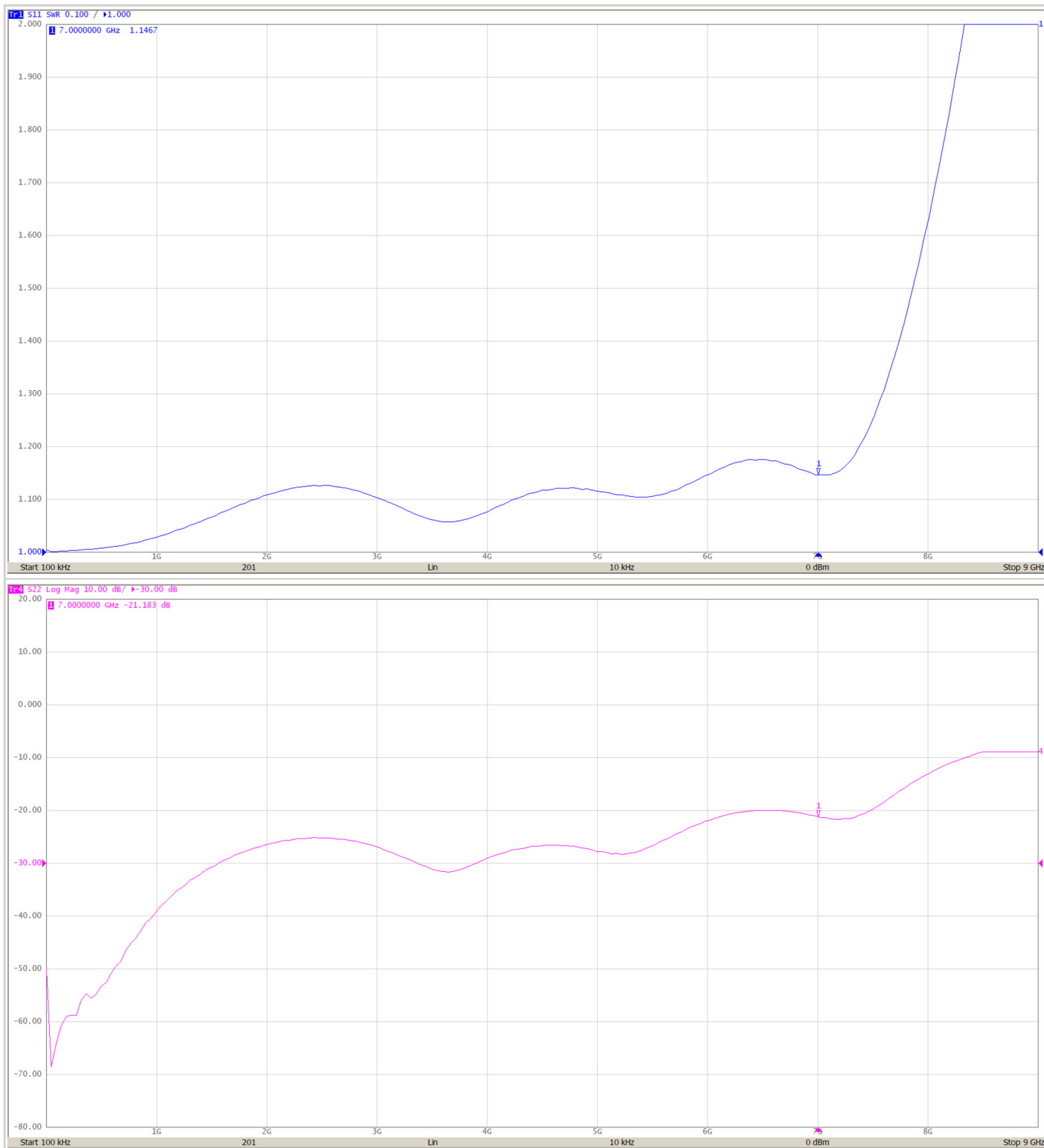
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