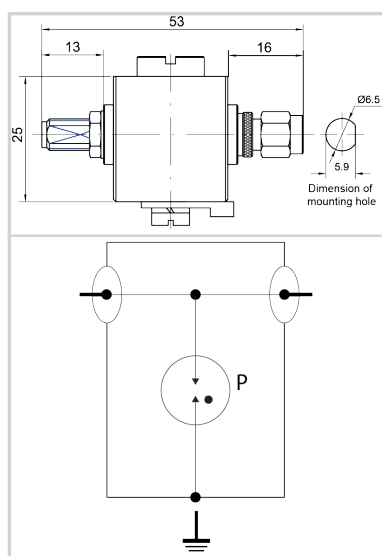




# CITEL



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



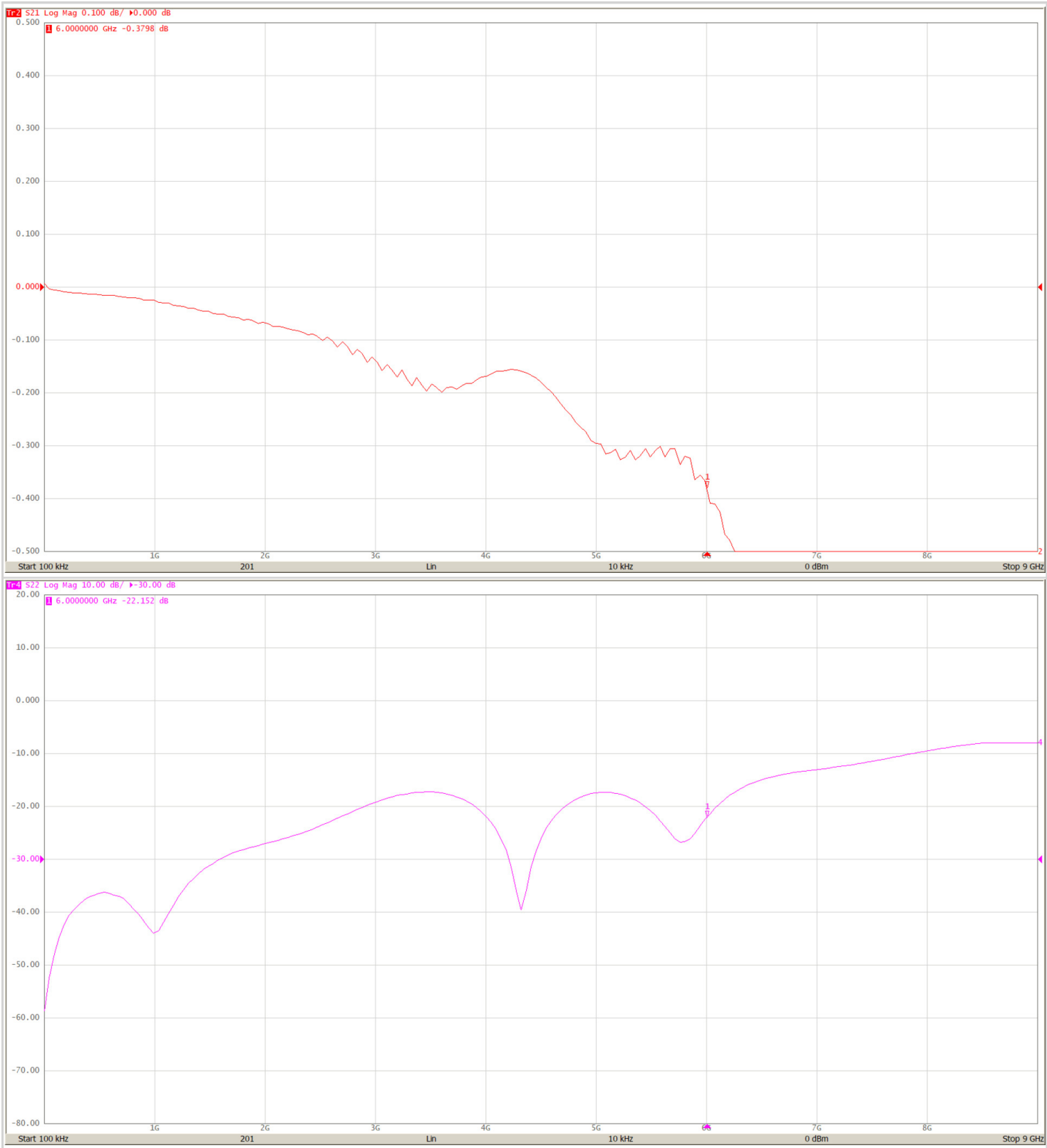
| Electrical Characteristics                                                     |      |                                     |
|--------------------------------------------------------------------------------|------|-------------------------------------|
| Max. DC operating voltage                                                      | Uc   | 200 Vdc                             |
| Frequency range                                                                | f    | DC-6 GHz                            |
| Insertion loss                                                                 |      | < 0.3dB                             |
| Return loss                                                                    |      | > 18 dB                             |
| Impedance                                                                      |      | 50 ohms                             |
| VSWR                                                                           |      | <1.3:1                              |
| Max. load current @25°C                                                        | IL   | 10 A                                |
| Max. discharge current<br><i>max. withstand @ 8/20 µs by pole</i>              | Imax | 15 kA                               |
| Nominal discharge current<br><i>C2 Category</i>                                | In   | 5 kA                                |
| Protection mode(s)                                                             |      | Common mode                         |
| Protection level<br><i>@ In (8/20µs)</i>                                       | Up   | < 2300 V                            |
| Impulse current<br><i>2 x 10/350µs Test - D1 Category</i>                      | Iimp | 1 kA                                |
| Max RF Power                                                                   |      | 190 W                               |
| Typical let through energy<br><i>(50 ohms) input 4kV 1.2/50µs - 2kA 8/20µs</i> |      | 2.2 mJ                              |
| DC Pass                                                                        |      | No                                  |
| Insulation resistance                                                          | IR   | ≥10 GOhms                           |
| Mechanical Characteristics                                                     |      |                                     |
| Technology                                                                     |      | Gas discharge tube                  |
| Connection to Network                                                          |      | Connector SMA Male/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                                                                    |      |                                     |
| 68504                                                                          |      |                                     |



# CITEL

Coaxial surge protector DC-7 GHz

P8AX25-6G-SMA/MF





CITEL

P8AX25-6G-SMA/MF

