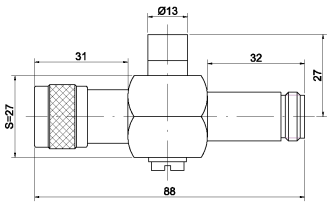
*'Quarter wave' coaxial protector*

# PRC5800-N/MF




- 'Quarter wave' coaxial protector type N
- Frequency : 4500-6000 MHz
- Low insertion loss
- Imax > 50 kA
- Maintenance free
- Bi-directional
- IP65




| Electrical Characteristics | | |
|---|---|---|
| Frequency range | f | 4500-6000 MHz |
| Insertion loss | | < 0.2 dB |
| Return loss | | > 20 dB |
| Impedance | | 50 ohms |
| VSWR | | <1.2:1 |
| Max. load current @25°C | IL | 10 A |
| Max. discharge current<br>*max. withstand @ 8/20 µs by pole* | Imax | 50 kA |
| Nominal discharge current<br>*C2 Category* | In | 25 kA |
| Protection mode(s) | | Common mode |
| Protection level<br>*@ In (8/20µs)* | Up | < 30 V |
| Impulse current<br>*2 x 10/350µs Test - D1 Category* | Iimp | 25 kA |
| Max Power @f max. | | 525 W |
| Max Power @f mini. | | 606 W |
| PIM 3rd order (2x20W) | | < -160 dBc |
| DC Pass | | No |
| **Mechanical Characteristics** | | |
| Technology | | Quarter Wave |
| Connection to Network | | Connector N Male/Female |
| Mounting | | Connector |
| Housing material | | Brass/Surface plating: Cu Zn Sn |
| Operating temperature | Tu | -40/+85°C |
| Protection rating | | IP65 |
| Failsafe mode | | Without |
| Dimensions | | See diagram |
| Contacts | | Bronze/Surface Au-Ag |
| **Standards** | | |
| Standards compliance | | IEC 61643-21 / EN 61643-21 / UL497E |
| RohS compliance | | Yes |
| **Part number** | | |
| **621152** | | |