



CITEL

'Quarter wave' coaxial protector

PRC2400-NW/MF



- 'Quarter wave' coaxial protector type N
- Frequency : 2300-2500 MHz
- Low insertion loss
- I_{max} > 50 kA
- Maintenance free
- Bi-directional
- IP65



| Electrical Characteristics | | |
|---|------------------|-------------------------------------|
| Frequency range | f | 2300-2500 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 <i>max. withstand @ 8/20 μs by pole</i> | I _{max} | 50 kA |
| Nominal discharge current <i>C2 Category</i> | I _n | 25 kA |
| Protection mode(s) | | Common mode |
| Protection level <i>@ I_n (8/20μs)</i> | Up | < 30 V |
| Impulse current <i>2 x 10/350μs Test - D1 Category</i> | I _{imp} | 25 kA |
| Max Power @f max. | | 813 W |
| Max Power @f mini. | | 848 W |
| PIM 3rd order (2x20W) | | < -160 dBc |
| DC Pass | | No |
| Mechanical Characteristics | | |
| Technology | | Quarter Wave |
| Connection to Network | | Connector N Male/Female |
| Mounting | | Feedthrough |
| 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 | | |
| 621173 | | |

