



- 'Quarter wave' coaxial protector type TNC
- Frequency : 1700-1950 MHz
- Low insertion loss
- I<sub>max</sub> > 50 kA
- Maintenance free
- Bi-directional
- IP65



| Electrical Characteristics                                 |                  |                                     |
|--|------------------|-------------------------------------|
| Frequency range  | f                | 1700-1950 MHz                       |
| Insertion loss   |                  | < 0.2 dB                            |
| Return loss  |                  | > 20 dB                             |
| Impedance  |                  | 50 ohms                             |
| VSWR   |                  | <1.2:1                              |
| Max. load current<br>@25°C                                 | IL               | 10 A                                |
| Max. discharge current<br>max. withstand @ 8/20 μs by pole | I <sub>max</sub> | 50 kA                               |
| Protection mode(s)   |                  | Common mode                         |
| Protection level<br>@ I <sub>n</sub> (8/20μs)              | Up               | < 30 V                              |
| Impulse current<br>2 x 10/350μs Test - D1 Category         | I <sub>imp</sub> | 25 kA                               |
| Nominal discharge current<br>C2 Category                   | I <sub>n</sub>   | 25 kA                               |
| Max Power @f max.  |                  | 752 W                               |
| Max Power @f mini.   |                  | 806 W                               |
| DC Pass  |                  | No                                  |
| Mechanical Characteristics                                 |                  |                                     |
| Technology   |                  | Quarter Wave                        |
| Connection to Network                                      |                  | Connector TNC Female/Female         |
| Mounting   |                  | Connector                           |
| Housing material   |                  | Brass/Surface plating: Cu Zn Sn     |
| Operating temperature                                      | T <sub>u</sub>   | -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  |                  |                                     |
| 621127   |                  |                                     |

