

PRC1800-T/MF



- ✦ 'Quarter wave' coaxial protector type TNC
- ✦ Frequency : 1700-1950 MHz
- ✦ Low insertion loss
- ✦ $I_{max} > 50 \text{ kA}$
- ✦ 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 @25°C	IL	10 A
Max. discharge current max. withstand @ 8/20 μs by pole	I_{max}	50 kA
Nominal discharge current C2 Category	I_n	25 kA
Protection mode(s)		Common mode
Protection level @ I_n (8/20 μs)	Up	< 30 V
Impulse current 2 x 10/350 μs Test - D1 Category	limp	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 Male/Female
Mounting		Connector
Housing material		Brass/Surface plating: Cu Zn Sn
Operating temperature	T_u	-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		
621115		