

PRC1800-N/FF



- Quarter wave coaxial protector type 7/16
- Frequency : 1700-1950 MHz
- Low insertion loss
- I_{max} > 50 kA
- Maintenance free
- Bi-directional
- IP65



Installation		
Operating Temperature (Min)	°C	-45.0000
Operating Temperature (Max)	°C	85.0000
Operating Temperature (Min)	°F	-50.0000
Operating Temperature (Max)	°F	85.0000
Operating Relative Humidity (Max)	%RH	Can be submerged
Operating Altitude (Max)	m	2000.0000
Operating Altitude (Max)	Ft	6500.0000
Housing/Enclosure material		Cu, Zn, Sn plated Brass
Mounting		Bracket or through hole
IP Environmental rating (IP)		IP65
NEMA Environmental rating (NEMA)		NEMA 4
Installation Location		Indoor / outdoor
Accessories		BK
Product Dimension (L)	mm	90.0000
Product Dimension (W)	mm	15.8000
Product Dimension (L)	In	3.5430
Product Dimension (W)	In	0.6220
Miscellaneous		
Individual Pack		No
Storage Temperature (Min)	°C	-40.0000
Storage Temperature (Max)	°C	85.0000
Storage Temperature (Min)	°F	-40.0000
Storage Temperature (Max)	°F	85.0000
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	IL	10 A
Protection mode(s)		Common mode
Impulse current (2 x 10/350µs Test - D1 Category)	I _{imp}	25 kA
Nominal discharge current (8/20µs Test x 10 - C2 Category)	I _n	25 kA
Max Power		1500 W
PIM 3rd order (2x20W)		< -160 dBc
DC Pass		false
RF Power (Maximum)	W	1500.0000
Return Loss (Minimum)	db	> 20
VSWR (Maximum)	:1	< 1.2:1
Max Total Discharge Current (I _{max} (8/20µs x 1))	kA	40.0000
Max Discharge Current (I _{max} (8/20µs x 1))	kA	40.0000
DC Pass		No
Mechanical Characteristics		
Outdoor application		Yes

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Contacts	Bronze/Surface Au-Ag
Insulation material	PTFE
Weight	0.22 kg
Standards	
RohS compliance	Yes
Part number	
621125	