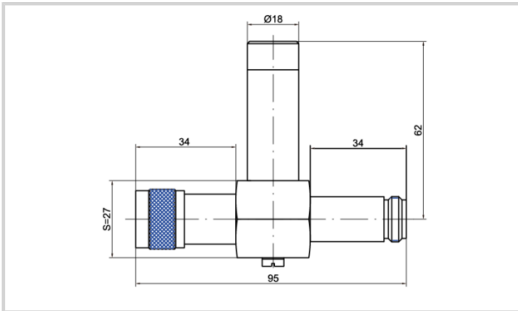


PRC822S-N/MF



- Quarter wave coaxial protector type N
- Frequency : 800-2200 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	95.0000
Product Dimension (W)	mm	13.8000
Product Dimension (L)	In	3.7400
Product Dimension (W)	In	0.5433
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	800-2200 MHz
Insertion loss		< 0.2 dB
Return loss		> 20 dB
Impedance		50 ohms
VSWR		< 1.2:1
Max. load current	IL	10 A
Max. discharge current (max. withstand @ 8/20 µs by pole)	I _{max}	50 kA
Protection mode(s)		Common mode
Protection level (@ I _n (8/20µs))	Up	< 30 V
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

PRC822S-N/MF

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
Outdoor application		Yes
Dimensions		See diagram
Contacts		Bronze/Surface Au-Ag
Insulation material		PTFE
Weight		0.3 kg
Standards		
Standards compliance		IEC 61643-21 / EN 61643-21 / UL497C / UL497E
RohS compliance		Yes
Part number		
61003		