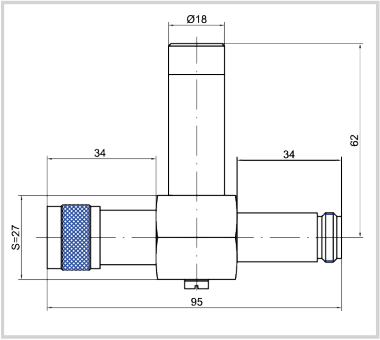
PRC822S-N/MF



- Quarter wave coaxial protector type N
- Frequency : 800-2200 MHz
- Low insertion loss
- Imax > 50 kA
- Maintenance free
- Bi-directional
- IP65

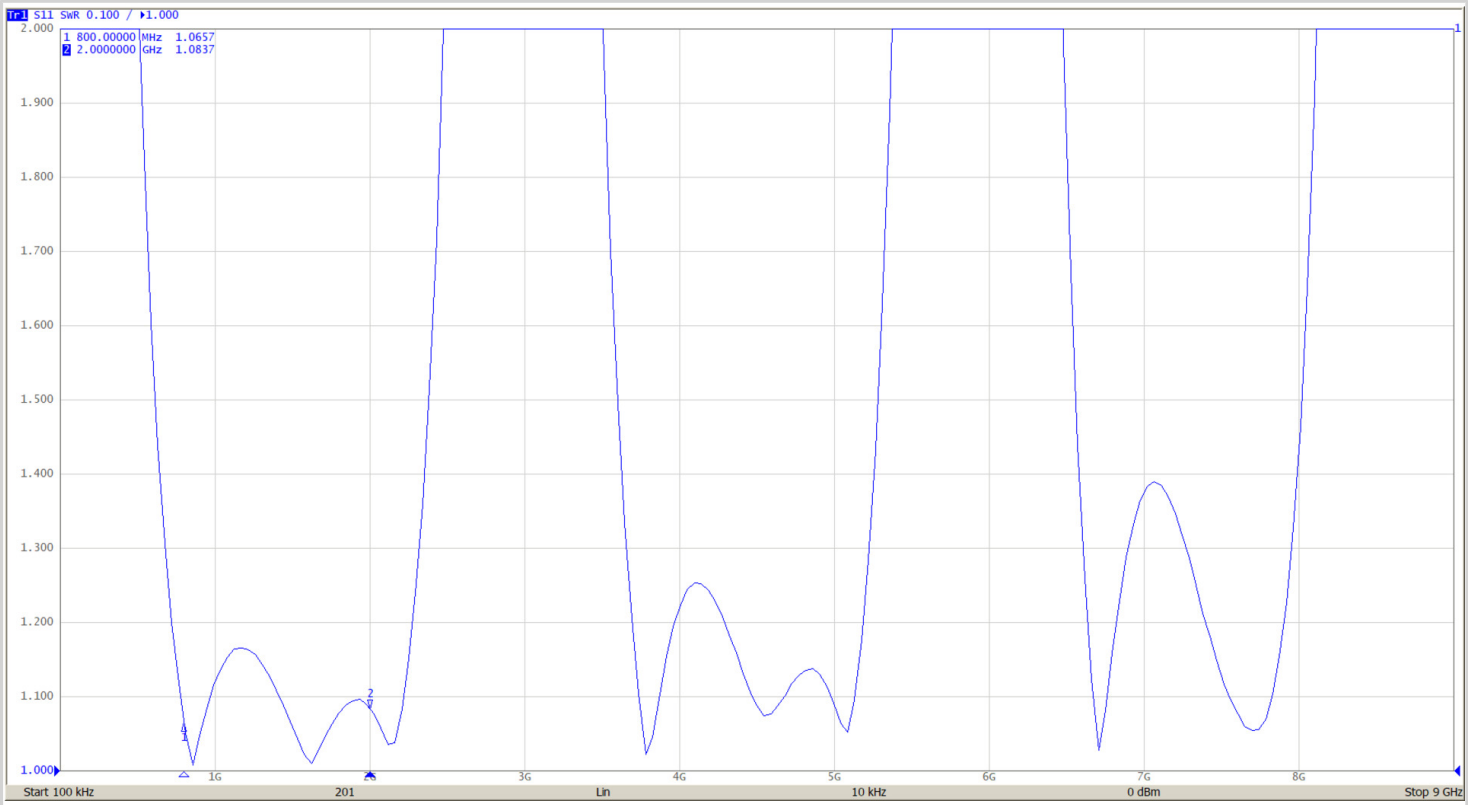
RoHS



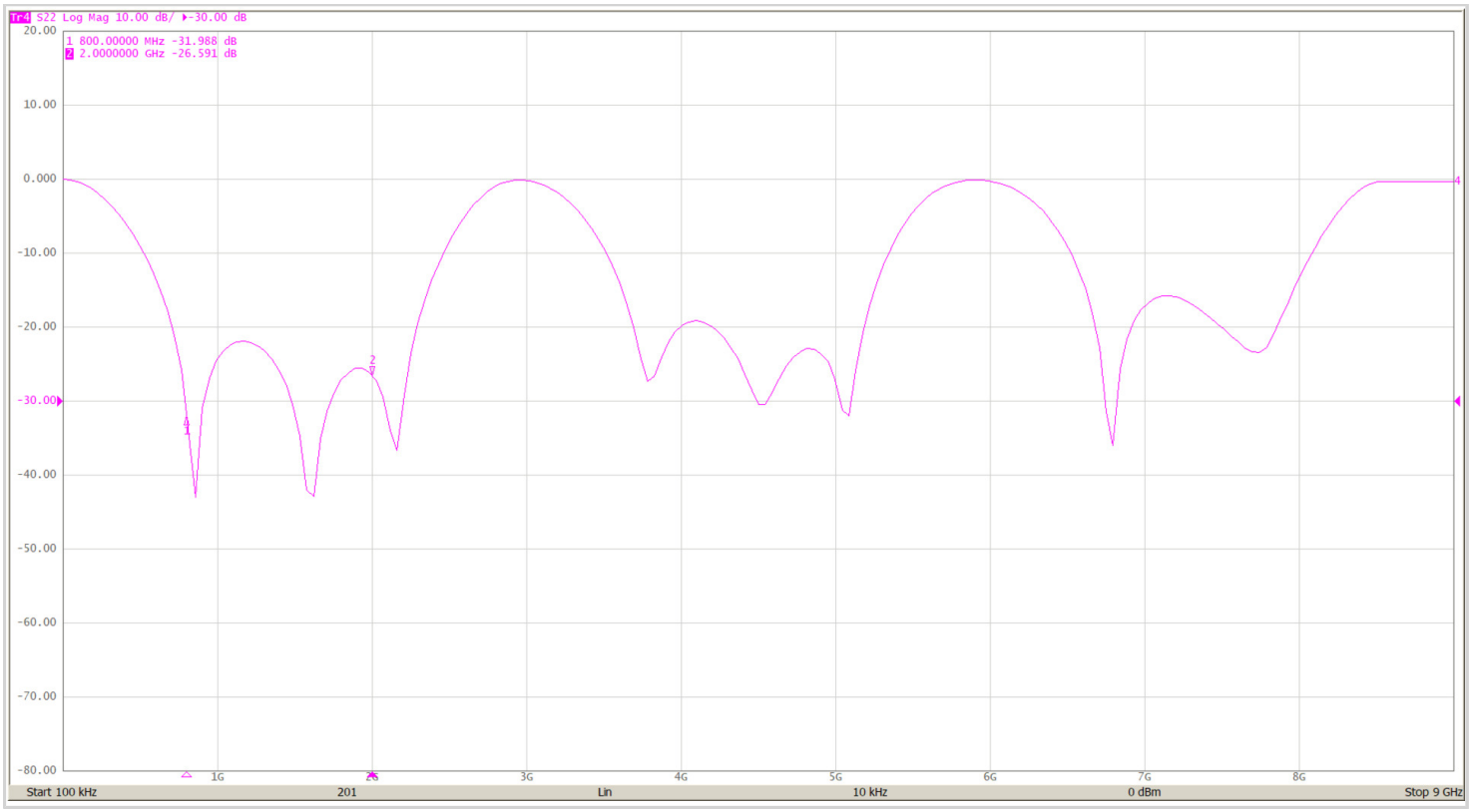
Electrical Characteristics		
Frequency range	f	800-2200 MHz
Insertion loss		< 0.1 dB
Return loss		> 20 dB
Impedance		50 ohms
VSWR		<1.1:1
Max. load current @25°C	IL	10 A
Max. discharge current *max. withstand @ 8/20 µs by pole*	Imax	50 kA
Nominal discharge current *C2 Category*	In	25 kA
Protection mode(s)		Common mode
Protection level *@1kV/µs (C3)*	Up	30 V
Impulse current *2 x 10/350µs Test - D1 Category*	limp	25 kA
Max Power @f mini.		1437 W
PIM 3rd order (2x20W)		< -160 dBc
DC Pass		No
RF Power *Maximum*	W	1500.0000
Return Loss *Minimum*	db	20
VSWR *Maximum*	:1	<1.2:1
Max Total Discharge Current *Imax (8/20µs x 1)*	kA	40.0000
Max Discharge Current *Imax (8/20µs x 1)*	kA	40.0000
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*Min*	Ft	2000.0000
Operating Altitude*Max*	Ft	6500.0000
Housing/Enclosure material		Cu, Zn, Sn plated Brass
Mounting		Bracket or throught 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
Miscelaneous		
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
Mechanical Characteristics		
Technology		Quarter Wave
Connection to Network		Connector N Male/Female
Mounting		Connector
Operating temperature	Tu	-40/+85°C
Protection rating		IP65
Failsafe mode		Without
Contacts		Bronze/Surface Au-Ag

PRC822S-N/MF

Insulation material		PTFE
Standards		
RohS compliance		Yes
Part number		
61003		






Tr4 S22 Log Mag 10.00 dB/ ▸-30.00 dB
1 800.00000 MHz -31.988 dB
2 2.0000000 GHz -26.591 dB
20.00
10.00
0.000
-10.00
-20.00
-30.00
-40.00
-50.00
-60.00
-70.00
-80.00
1G
2G
3G
4G
5G
6G
7G
8G
Start 100 kHz
201
Lin
10 kHz
0 dBm
Stop 9 GHz