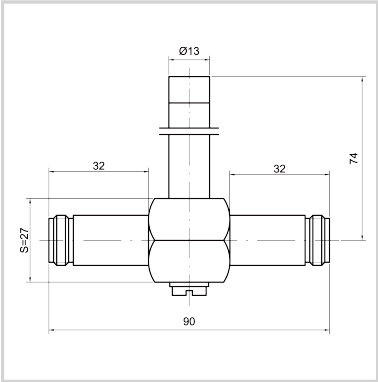
PRC900-N/FF



- Quarter wave coaxial protector type 7/16
- Frequency : 870-960 MHz
- Low insertion loss
- Imax > 50 kA
- Maintenance free
- Bi-directional
- IP65

RoHS



Electrical Characteristics		
Frequency range	f	870-960 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*	Imax	50 kA
Nominal discharge current *C2 Category*	In	25 kA
Protection mode(s)		Common mode
Impulse current *2 x 10/350µs Test - D1 Category*	limp	25 kA
Max Power @f mini.		436 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	90.0000
Product Dimension*L*	In	3.5430
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 Female/Female
Mounting		Connector
Operating temperature	Tu	-40/+85°C
Protection rating		IP65
Failsafe mode		Without
Contacts		Bronze/Surface Au-Ag
Insulation material		PTFE
Standards		

PRC900-N/FF

RohS compliance		Yes
Part number		
621124		