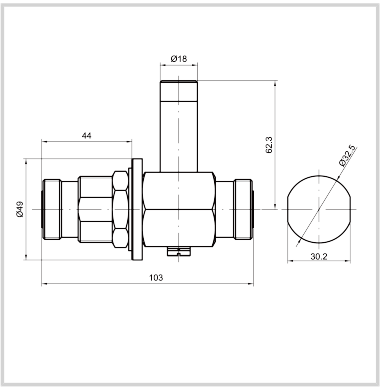
'Quarter wave' coaxial protector

PRC822S-716W/FF



- 'Quarter wave' coaxial protector type 7/16
- Frequency : 800-2200 MHz
- Low insertion loss
- Imax > 50 kA
- Maintenance free
- Bi-directional
- IP65



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 @25°C	IL	10 A
Max. discharge current *max. withstand @ 8/20 µs by pole*	Imax	100 kA
Nominal discharge current *C2 Category*	In	50 kA
Protection mode(s)		Common mode
Protection level *@ In (8/20µs)*	Up	< 30 V
Impulse current *2 x 10/350µs Test - D1 Category*	Iimp	50 kA
Max Power @f max.		1785 W
Max Power @f mini.		2959 W
PIM 3rd order (2x20W)		< -160 dBc
DC Pass		No
Mechanical Characteristics		
Technology		Quarter Wave
Connection to Network		Connector 7/16 Female/Female
Mounting		Feedthrough
Housing material		Brass/Surface plating: Cu Zn Sn
Operating temperature	Tu	-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		
621105		