

FEATURES

- Low Contact Resistance
- Large Volume Data Transmission without Delay
- Long Lifetime

APPLICATIONS

- Radar Antennas
- Satellite Communication Systems
- Medical Treatment Equipment
- Robotics



Electrical Specifications

Frequency	DC~18GHz
VSWR	1.3 max@DC~10GHz 1.4 max@10~18GHz
VSWR Ripple	0.05 max
Insertion Loss	0.25dB@DC~10GHz 0.3dB@10~18GHz
Insertion Loss Ripple	0.05dB max
Phase WOW	1° max
Average Power	500W max@1GHz 200W max@6GHz 100W max@12GHz 30W max@18GHz
Peak Power	3000W max
Protection Degree	IP 40 acc. EN 60529

Mechanical Specifications

Connector Type	SMA female
Working Life	10 Million Revs
Rotating Speed	250 rpm max
Starting Torque	0.5N.cm max
Rotating Torque	0.5N.cm max
Connector Axial Load	±0.1N max
Connector Radial Load	±0.1N max
Contact Material	PTFE
Operating Humidity	0~85%RH
Operating Temperature	-55°C~+85°C
Storage Temperature	-55°C~+85°C

Outline Drawings[mm]

