

FEATURES

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

APPLICATIONS

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



Electrical Specifications[CHANNEL 1]

Frequency Range	DC~18GHz
VSWR	1.2 max@DC~4GHz 1.5 max@4~18GHz
VSWR Ripple	0.04 max
Insertion Loss	0.08dB@4GHz 0.48dB@18GHz
Insertion Loss Ripple	0.05dB max
Phase WOW	1° max
Average Power	50W max@18GHz
Peak Power	3kW
Isolation	60dB typ.

Electrical Specifications[CHANNEL 2]

Frequency Range	DC~4.5GHz
VSWR	1.4 max@0~2GHz 2.5 max@2~4.5GHz
VSWR Ripple	0.36 max
Insertion Loss	0.48dB@2GHz 0.98dB@4GHz
Insertion Loss Ripple	0.25dB max
Phase WOW	2° max
Average Power	50W max@4GHz
Peak Power	3kW
Isolation	60dB typ.

Mechanical Specifications

RF connector	SMA female
Rotating Speed	60 rpm max
Working Life	10 Million Revs
Starting Torque	5N.cm max
Rotating Torque	5N.cm max
Operating Temperature	-40°C~+70°C
Storage Temperature	-50°C~+70°C
Operating Humidity	0~85%RH
Contact Material	PTFE
Protection Degree	IP 60 per EN 60529

Dimensions[mm]

