

FRJ2-18000-31-1

Channel 2, DC~18GHz, 31.9mm

Features:	Applications:
* Low VSWR	* High Speed Digital Signal
* Low VSWR Flatness	Transmission
* Low Insertion Loss Flatness	* Analog Signal Transmission

Electrical

Frequency (Channel 1, 2):	DC~18GHz
VSWR (Channel 1):	1.6 max.
VSWR Flatness:	0.05 max.
VSWR (Channel 2):	3 max.
VSWR Flatness:	0.6 max.
Insertion Loss (Channel 1):	0.9dB max.
Insertion Loss Flatness:	0.1dB max.
Insertion Loss (Channel 2):	2.7dB max.
Insertion Loss Flatness:	0.5dB max.
Phase Flatness (Channel 1):	1.5° max.
Phase Flatness (Channel 2):	12° max.
Average Power (Channel 1):	20W max. @1GHz
Average Power (Channel 2):	10W max. @1GHz
Peak Power (Channel 1):	2000W max.
Peak Power (Channel 2):	1000W max.
Isolation:	60dB min.
Impedance:	50Ω

Mechanical

Connectors:	SMA female
Rotating Speed:	100RPM max.
Starting Torque:	0.05Nm max.
Rotating Torque:	0.05Nm max.
Operation Life:	10M cycles min.
IP Grade:	IP51

Environmental

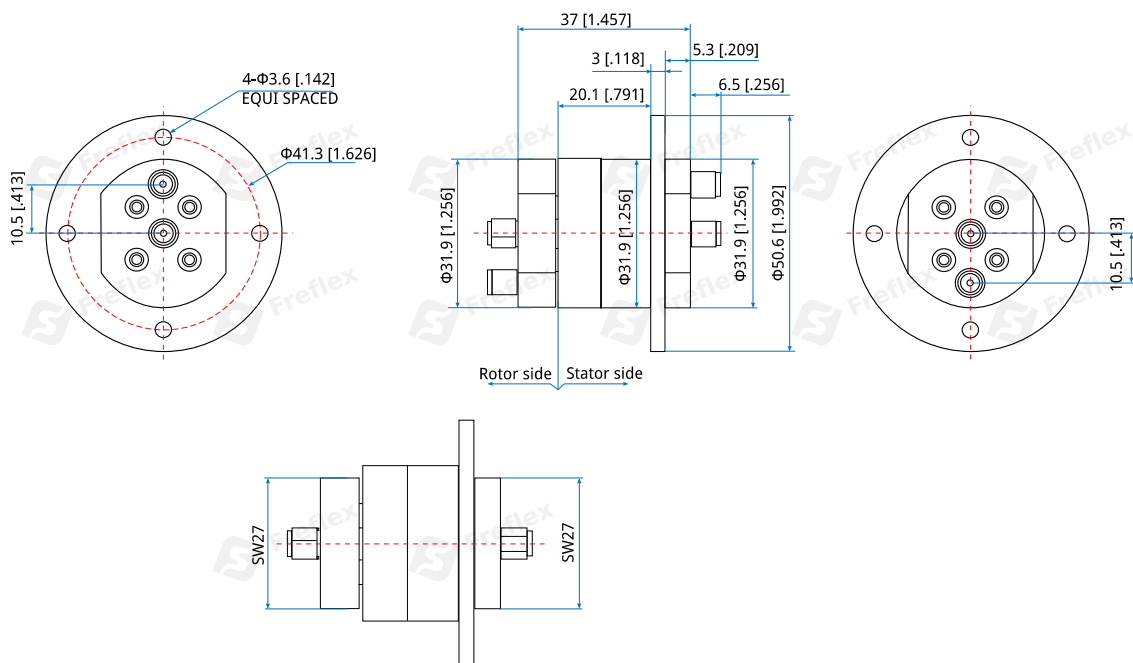
Operating Temperature:	-40~+70°C
Non-operating Temperature:	-55~+85°C

How To Order

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Customization is available upon request.

Outline Drawings



Unit: mm [in]

Tolerance: ±0.5mm [±0.02in]