

## FRJ3-8000-46

Channel 3, DC~8GHz, 46mm

**Features:**

- \* Low VSWR
- \* Low VSWR Flatness
- \* Low Insertion Loss Flatness

**Applications:**

- \* High Speed Digital Signal Transmission
- \* Analog Signal Transmission

### Electrical

Frequency:	DC~8GHz
Average Power:	10W max.
VSWR:	1.5 max.
VSWR Flatness:	0.1 max.
Insertion Loss:	1.3dB max.
Insertion Loss Flatness:	0.15dB max.
Isolation:	70dB min.
Phase Flatness (Channel 1):	$\pm 3^\circ$ max.
Phase Flatness (Channel 2~3):	$\pm 4^\circ$ max.
Impedance:	50 $\Omega$

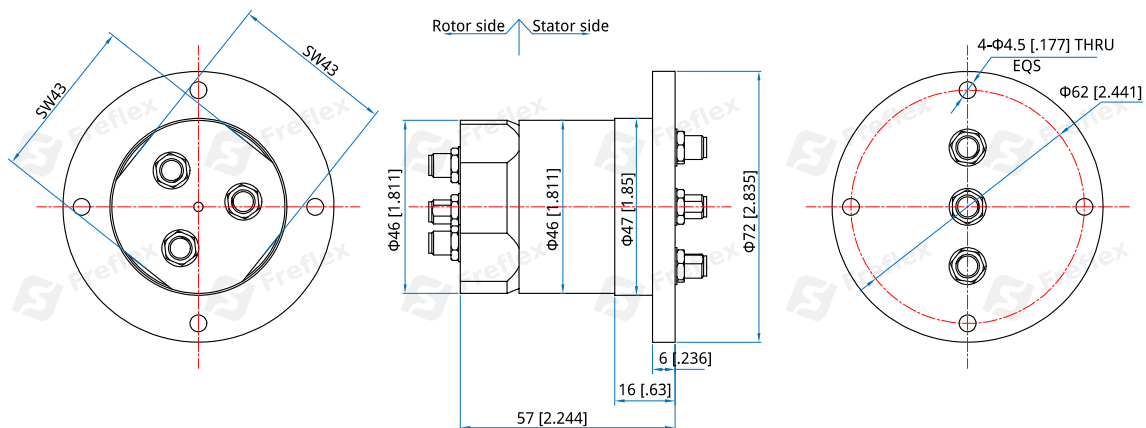
### Mechanical

Connectors:	SMA female
Rotating Speed:	60RPM max.
Operation Life:	5M cycles min.
Torque:	0.5N m max.
Material:	Aluminum alloy
IP Grade:	IP65

### Environmental

Operating Temperature:	-40~+65°C
	-45~+85°C (Military optional)
Non-operation Temperature:	-50~+85°C
Operating Humidity:	0~80%
	0~97% (Military optional)
Non-operation Humidity:	95% max.

### Outline Drawings



Unit: mm [in]

Tolerance:  $\pm 0.5$ mm [ $\pm 0.02$ in]

### How To Order

**FRJ3-8000-46**

Customization is available upon request.