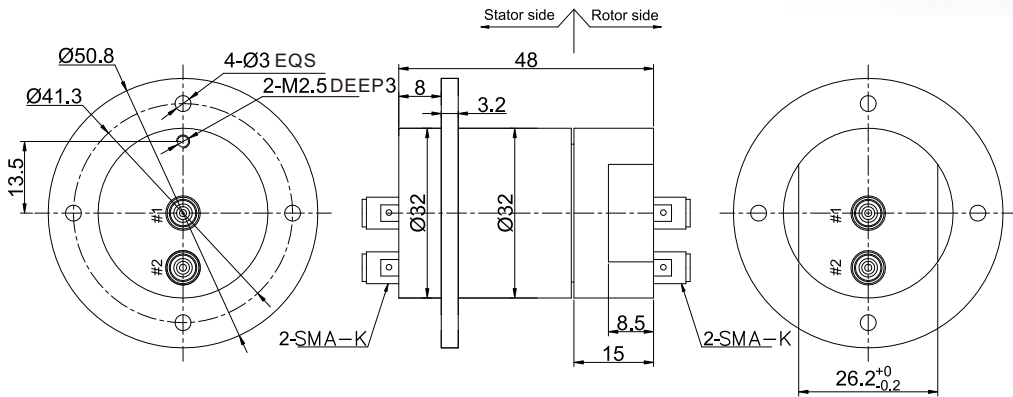


# MHF200 Series

## 2 Channels Rf Rotary Joints

MHF200 is 2 channels high frequency rotary joint; the maximum frequency of every channel is 4.5GHz or 18G. High frequency slip ring is specifically designed to support high-speed serial digital signals or analog signal transmission.

options: it can combine with electric power, 24V control signal, communication signal, power supply, media of fluid, water, air, gas etc.



### Part# Explanation

## MHF200- SMA - 4.5G

- MHF: High frequency slip ring
- 200: 2 channels RF
- SMA: SMA connector; N: N connector; W : Exit coaxial-cable
- 4.5G: Max frequency 4.5GHZ

### Part# List

MHF200 - 2 Channels RF Rotary Joint Part List			
Part#	RF Channel	Frquency	Connector type
MHF200-SMA-4.5G	2	4.5GHz/Channel	SMA
MHF200-SMA-18G	2	18GHz/Channel	SMA

### Specifications

Mechanical data		(RF Rotary joints) Specifications	
Parameter	Value	Parameter	Value
Working Life	50 million revs	Frquency	DC-4.5GHz
Rotating Speed	Max 300RPM	VSWR	<1.3
Working Temperature	-40°C~70°C	Insertion Loss	0.3db
Operating Humidity	0~85% RH	VSWR Ripple	<0.05
Contact Material	Gold-Gold	Insertion Loss Ripple	0.05db
Housing Material	stainless steel	Connector type	SMA
Torque	0.1N.m; +0.03N.m/6 rings	Characteristic Impedance	50Ω
Protection Grade	IP51		