

BMHF200A SERIES

2 Channel Rf Rotary Joints

BMHF200A 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.

Product images



The pictures are for reference only

If there are changes in the appearance and size of the product, the actual product should prevail.

Part# Explanation

BMHF 200A-SMA-4.5G

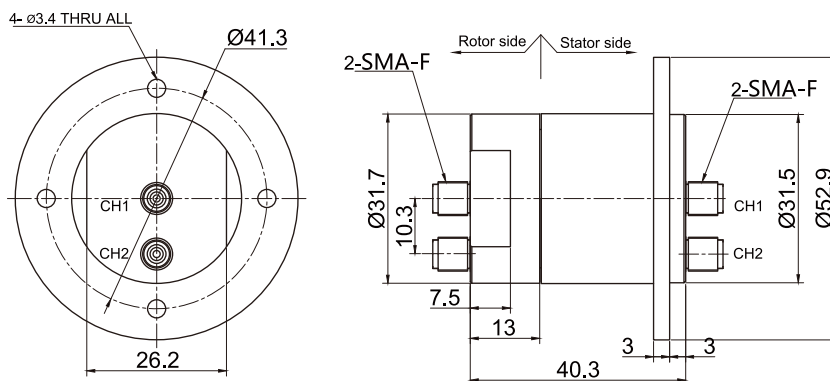
BMHF: High frequency ring

200A: 2 channel RF

4.5G: Max frequency 4.5GHz

SMA: SMA connector; W: Exit coaxial-cable

Dimensions



BMHF200A channel RF rotary joint part list

Parts#	RF Channel	Frquency	Connector type
MHF200-SMA-4.5G	2	4.5GHz / Channel	SMA-F(50 Ω)

RF Rotary joints Specifications

Parameter	Channel 1 value	Channel 2 value
Frquency	DC-4.5GHz	DC-4.5GHz
Peak power maximum	1kW	1kW
Maximum average power	50W@1GHz	50W@1GHz
voltage standing wave ratio	1.25	1.6
VSWR Ripple	0.1	0.2
Insertion Loss	0.2	0.8
Insertion Loss Ripple	0.15dB	0.2dB
Minimum isolation	60dB	60dB
Connector type	SMA-F	SMA-F

Mechanical Data

Parameter	Numerical value
Working Life	50 million revs
Rotating Speed	50RPM
Working Temperature	-40°C~ +70°C
Operating Humidity	0-95%RH
Contact Material	Gold-Gold
Housing Material	stainless steel
Torque	0.1N.m; +0.03N.m/6 rings
Protection Grade	IP51
Surface treatment	Conductive oxidation