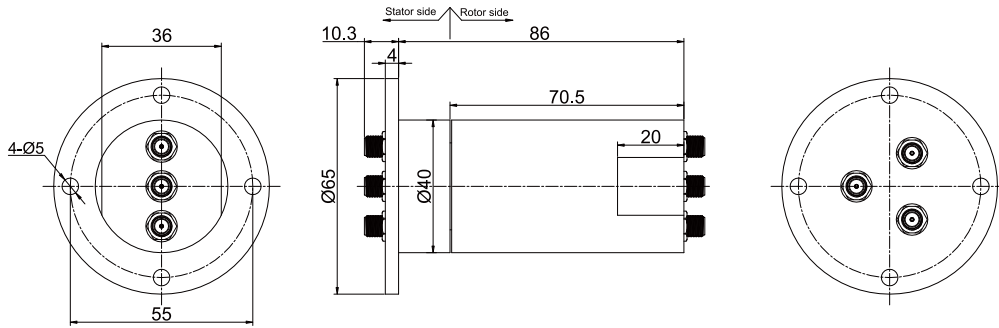


MHF300 Series

3 Channels RF Rotary Joints

MHF300 is 3 channels high frequency rotary joint, which is specifically designed for high-speed serial digital signals or analog signal transmission. It can support maximum transfer rate 2.5GHz. MHF series can support single channel or high-frequency signal transmission by itself. Also MHF series can be customized to combine high-frequency signal with 24V control signal, communication signal, power supply and fluid media.



Part# Explanation

MHF300- SMA - 2.5G

MHF: High frequency slip ring

300: 3 channels RF

SMA: SMA connector

2.5G: Max frequency 2.5GHZ

Part# List

MHF300- 3 Channels RF Ratory Joint Part List			
Part#	RF Channel	Frquency	Connector type
MHF300-SMA-4.5G	3	2.5GHz/Channel	SMA

Specifications

Mechanical data		(RF Rotary joints) Specifications			
Parameter	Value	Parameter	1st Channel	2nd Channel	3rd Channel
Working Life	30RPM	Insertion Loss	<1	<1.2	<1.2
Rotating Speed	-40°C~70°C	Insertion Loss Ripple	<0.3	<0.15	<0.3
Working Temperature	0~85% RH	VSWR	<1.5	<1.6	<1.6
Operating Humidity	Gold-Gold	VSWR Ripple	<0.1	<0.2	<0.2
Contact Material	stainless steel	Average Power	100W	10W	10W
Housing Material	0.1N.m; +0.03N.m/6 rings				
Torque	Ip40				
Protection Grade					