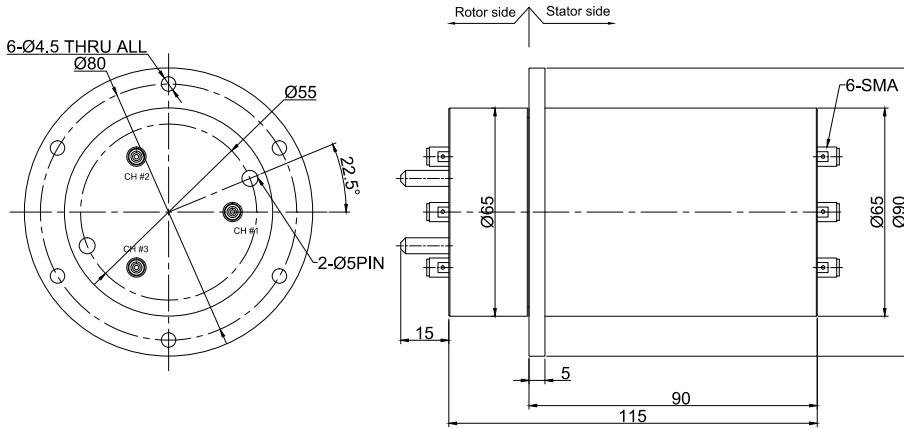


MHF300 (3 channel RF Rotary Joints)

MHF300 is three-channel high frequency rotary joint; the maximum frequency of every channel is 2.5GHz. 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

MHF300- SMA - 2.5G

MHF: High frequency slip ring

300: 3 channel RF

SMA: SMA connector

2.5G: Max frequency 2.5GHZ

Part# List

MHF300 - 3 channel RF rotary 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	1	2	3
Working Life	50 million revs	Insertion Loss	<0.5	<0.5	<0.5
Rotating Speed	100RPM	Insertion Loss Ripple	<0.05	<0.05	<0.05
Working Temperature	-30°C~80°C	VSWR	<1.3	<1.3	<1.3
Operating Humidity	0~85% RH	VSWR Ripple	<0.05	<0.05	<0.05
Contact Material	Gold-Gold	Average Power	50W	15W	15W
Housing Material	stainless steel				
Torque	0.1N.m ; +0.03N.m/6 rings				
Protection Grade	IP51				