



ROTARX[®]

Hybrid Slip Rings

COAX + ELECTRIC



High-Performance Power,
Signal and Media Transmission

COMPACT SLIP RINGS

Our other available catalogues:

COMPACT SLIP RINGS SOLUTIONS (General catalogue)	(256 pages)
CAPSULATED MINIATURE SLIP RINGS	(44 pages)
AUTOMATION SLIP RINGS	(32 pages)
THROUGH-BORE SLIP RINGS	(68 pages)
PANCAKE SLIP RINGS - with Housing - without Housing	(42 pages)
SEPARATE SLIP RINGS	(28 pages)
FASTON SLIP RINGS	(24 pages)
MINIATURE HYBRID SLIP RINGS	(24 pages)
HYBRID SLIP RINGS - Ethernet + Electric	(34 pages)
HYBRID SLIP RINGS - Pneumatic / Liquid + Electric	(72 pages)
HYBRID SLIP RINGS - USB + Electric	(30 pages)
HYBRID SLIP RINGS - Fiber Optical + Electric	(44 pages)
HYBRID SLIP RINGS - HD-SDI (1080p)+ Electric	(26 pages)

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The Company

Quality and Safety

B-COMMAND was founded in 1995. Since more than 20 years the company has put its focus on **production and sales of electro technical components to all parts of the globe.**

In the early years B-COMMAND focused on electro-mechanical control solutions mainly for the national crane market. Throughout the years the sales area was widened to many international countries and the second main product focus became wind power technology. The company started developing and manufacturing of special limit switches for wind turbines which are still one of the major product lines today.

After more than 10 years of growth and success with electro-mechanical products, another different technology division was established: **electrical transmission technology.**

Due to many analogies with electro-mechanical products and many skilled engineers the new technology focus for transmission of power and signals had been implemented.

QUALITY MANAGEMENT
Certification 2017



Production & Warehouse

In the beginning the products for electrical transmission technology included simple slip rings for transmitting small power ratings from fixed to rotating parts into machines.

Today, in times of Industry 4.0 and industrial networks, the program contains more than **20.000 possible solutions with combined power and signal transmission, high-frequency solutions, different housing types and super-miniature solutions.**



Offices of our Headquarters Hamburg



Our technical expertise guarantees the right solution for your applications.

Since more than 10 years the company is certified according to **DIN EN ISO9001:2015 by TÜV in Germany.** All management and production processes are created and approved according to international standards. Especially a **flexible production structure allows short delivery times also for small volume orders or prototypes.**

The purchasing organization of B-COMMAND is internationally targeted. Raw material and production components are sourced from best-rated suppliers worldwide. A network of specialists for all materials is available for developing the best solution for the customers requirements resulting in a perfect fitting product for all individual projects.

B-COMMAND has an international sales network of distributors and sales partners for all regions. Some of the distributors even offer spare parts or series demand products from their own stock in the different countries.

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All activities at B-COMMAND are focused on customer satisfaction. Creating perfect-fitting technical solutions with best quality for marked-based prices – this is our passion.



Slip Rings Technology

Slip rings are essential electromechanical parts of commercial or industrial machinery. They have to ensure transfer of data, media, energy and electrical signals in best possible conditions. This can only be realized by combination of a targeted design process, selection of best raw materials, professional production conditions, 100% quality control and skilled assembling on customer side.

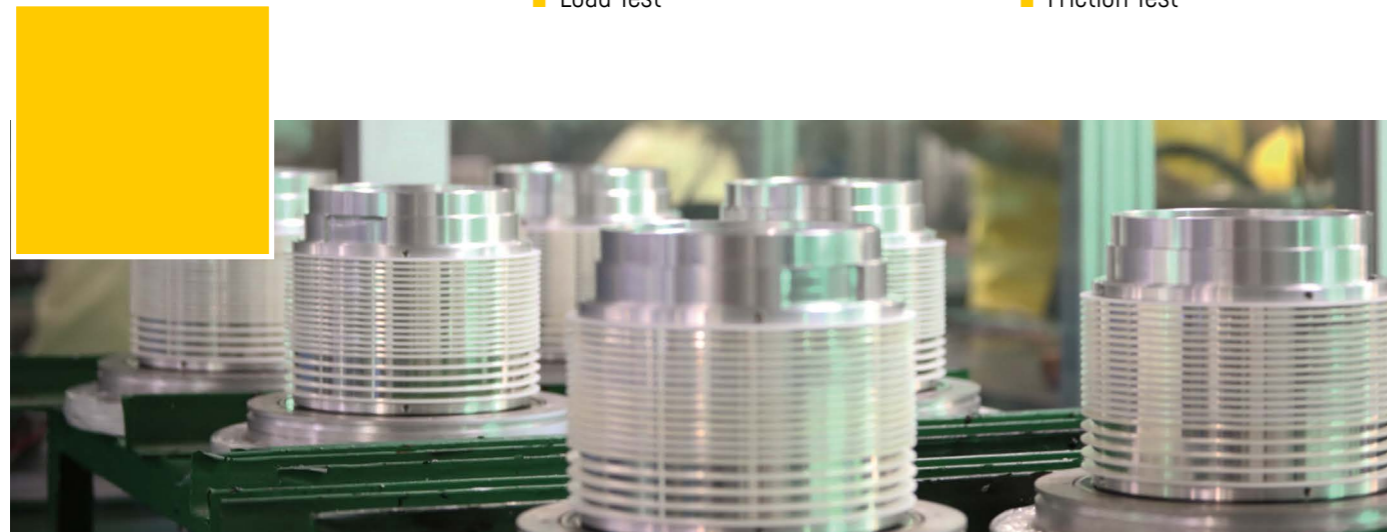


PREMIUM ENGINEERING

With many years experience and a deep knowledge of all relevant engineering disciplines, B-COMMAND engineering team can provide fast and innovative design solutions for customers around the world. Our engineers are constantly developing new designs and use new materials across a wide spectrum of diverse environments.

In order to ensure only premium-quality products B-COMMAND is able to undertake following tests in our in-house laboratory:

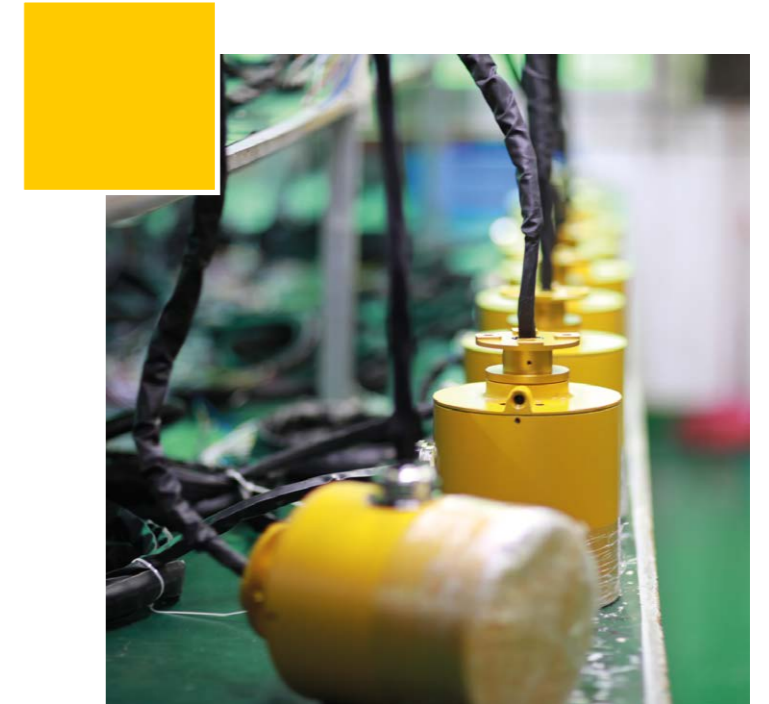
- Humidity Test
- Temperature Test
- Protection Degree Test
- Vibration / Shock Test
- High Pressure / Vacuum Test
- Torque Test
- High Voltage Test
- Large Current Test
- Salt Spray Test
- Load Test
- Electrical Noise Test
- Contact Resistance Test
- Lifetime Test
- Insulation Test
- Frequency Test
- Friction Test



ROTARX - MINIATURE SLIP RINGS

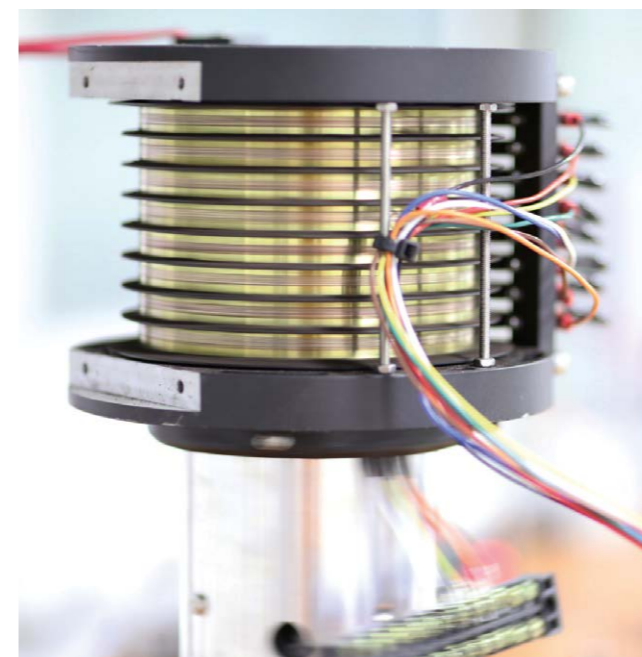
TOTAL QUALITY CONTROL

High production depth is the key to total quality control. Therefore B-COMMAND has established extended electrical and mechanical production capabilities. Different automatic and semi-automatic multiple axis CNC machining centers, grinding machines, milling machines and coating machines offer a wide range of mechanical options during production process. Only experts with long-term knowledge are operating our machinery in order to grant best quality products for our customers.



FLEXIBILITY

For B-COMMAND flexibility is not just a word, it is the basis of our organization. Flexible sales and R&D structures with capacity for extensive project inquiries from our customers are as well allocated as flexible production structures with high-volume series production and also fast-track options for small volume orders.



WWW.ROTARX.COM

INNOVATION

The willingness of lifelong-learning and permanent interest in new technological trends sets our engineering team apart. Industrial communication and electrical complexity of everyday life have moved to a new level and they are still developing fast. We keep an eye on all new technologies, new applications, new materials and forward-looking innovations which can improve or re-invent our products.

Slip Rings Applications



WIND POWER TECHNOLOGY

- Small Wind Turbines
- Multi-MW-Turbines
- Signal & Power Transmission



AEROSPACE TECHNOLOGY

- Drones
- Radars
- Thermal Imaging



ROBOTIC TECHNOLOGY

- Production Robots
- Inspection Robots
- Packaging Robots



CAMERA TECHNOLOGY

- TV-Cameras
- Security Cameras
- Inspection Cameras



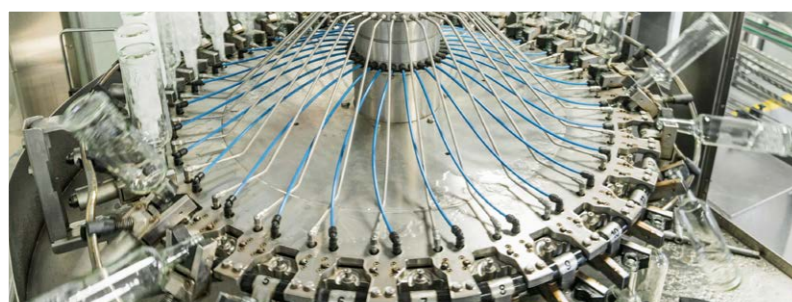
CRANE TECHNOLOGY

- Post Cranes
- Tower Cranes
- Mobile Cranes



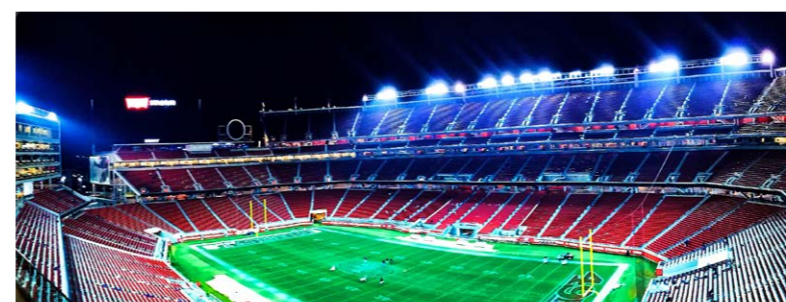
AMUSEMENT TECHNOLOGY

- Pendulum Rides
- Observation Wheel
- Merry-Go-Round



PACKAGING TECHNOLOGY

- Packaging Robots
- Filling Machines
- Capping Machines



STAGE TECHNOLOGY

- Rotating Stages
- Rotating Lights
- Revolving Platforms

RX-HF Series



 COAX Transmission
  Signal & Power
  Long Life
  RoHS2 CE

The hybrid slip rings with coaxial transmission are also called high frequency slip ring or coaxial slip ring. It is used for continuous transmission of high-frequency and high-speed signals between fixed and rotary parts.

The hybrid slip rings can be equipped with 1 up to max. 4 coax lines and 72 standard electrical lines. The electrical lines can be used as max. 36 power lines with 10A or 72 signal lines with 5A max. The housing is made of solid aluminium and offers maximum protection for electrical and media transmission components.

For electrical transmission hybrid slip rings combine the best advanced fiber brush technology and precious metal or gold-to-gold multi-contacting, they offer low electrical noise for high data rate field bus transmission, low contact pressure for long lifetime and they are maintenance free.

We offer standardized & modularized design and fully customizable products according to the special requirements of customers in different applications.

If you have specific customized requirements, please feel free to consult us in order to create the most suitable recommendation for your specification.

ADVANTAGES

- + 1-4 COAX Channels
- + Low Contact Resistance
- + Optimized VSWR (Voltage Standing Wave Ratio)
- + Large Volume Data Transmission without Delay
- + Combined Power & Signal Transmission
- + Long Lifetime
- + Maintenance Free
- + 360° Continuous Rotation

MAIN APPLICATIONS

- > Camera Technology
- > Radar Antennas
- > Military Systems
- > Satellite Communication Systems
- > Medical Treatment Equipment
- > Robotics
- > Material Conveying Systems

PRODUCT CODE

RX	-	AA	BBB	C	-	DDD	-	FF	GGG	S
		1	2	3		4		5	6	7

Example: RX-HF0861-178-06054S
 (1) Coax+Electric Hybrid Slip Ring with (2) Outer Diameter approx. 86mm, (3) 1 COAX channel, (4) RG178 connector, (5) 6 rings for power transmission, (6) 54 rings for signal transmission, (7) Standard Version

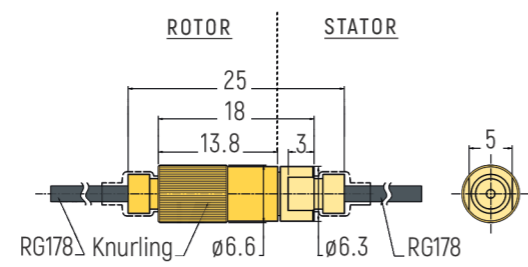
1	Series	HF - Hybrid Slip Rings Coax+Electric	5	Number of Power Circuits	From 2 rings to 36 rings each 10A
2	Outer Diameter	From 3mm to 300mm (see drawings for details)	6	Number of Signal Circuits	From 2 rings to 72 rings each 5A
3	Number of COAX channels	1 - 4	7	Version	S - Standard C - Customized
4	Connector Type	SMA- SMA connector NTY - N-type connector 178 - RG178 connector 50Ω 179 - RG179 connector 75Ω			

SPECIFICATIONS

HYBRID COAX SLIP RINGS SPECIFICATIONS			
NUMBER OF CIRCUITS	2-36 for power transmission	2-72 for signal transmission	1-4 channels for COAX transmission
USB SPECIFICATIONS			
CONNECTORS	SMA, N-type, RG178, RG179		
FREQUENCY	See product tables for details		
CHARACTERISTIC IMPEDANCE	Connector SMA, N-type and RG178: 50Ω	Connector RG179: 75Ω	
INSERTION LOSS	0.3 db		
VSWR	≤1.3		
VSWR RIPPLE	≤0.05		
ELECTRICAL SPECIFICATIONS			
CURRENT RATING	Power transmission circuits: 10A	Signal transmission circuits: 5A	
VOLTAGE RATING	Power transmission circuits: Type HF0331: 400VAC/DC	Types HF0561 and HF0992: 440VAC/DC	
	Type HF0861: 690VAC/DC		
	Signal transmission circuits: Types HF0331, HF0561 and HF0992: 240VAC/DC;	Type HF0861: 440VAC/DC	
ELECTRICAL NOISE	max 10mΩ		
INSULATION RESISTANCE	≥1000 MΩ @ 500 VDC		
LEAD CABLE SIZE	Power transmission circuits: AWG16 Teflon	Signal transmission circuits: AWG22 Teflon	
LEAD CABLE LENGTH	Standard 300mm (Rotor/Stator)		
DIELECTRIC STRENGTH	500VAC @ 50Hz, 60s		
MECHANICAL SPECIFICATIONS			
WORKING LIFE	50 Million Revs		
ROTATING SPEED	Types HF0331, HF0561, HF0861 and HF0992: 0-150 rpm	All other types: 0-100 rpm	
TEMPERATURE RANGE	-30°C to +80°C		
OPERATING HUMIDITY	0-85% RH		
CONTACT MATERIAL	Gold-Gold		
HOUSING MATERIAL	Aluminium Alloy		
TORQUE	0.1N.m; +0.03N.m/6 rings		
PROTECTION DEGREE	IP51 (higher or lower on request)		

RX-HF0061

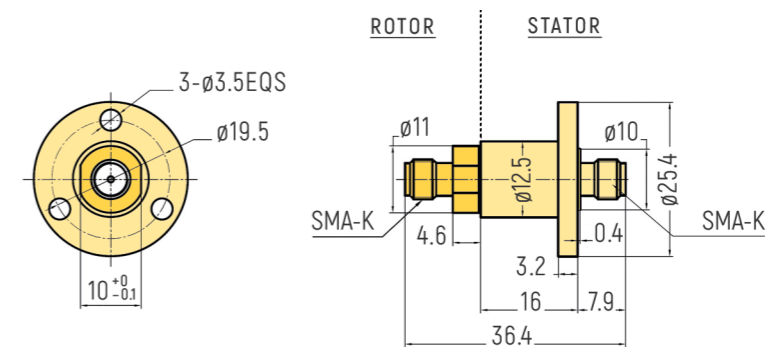
1 Channel



MODEL	LENGTH (mm)	CHANNEL	FREQUENCY	NUMBER OF CIRCUITS		CONNECTORS
				Power 10A	Signal / 5A	
RX-HF0061-178-00000S	18	1	DC-3GHz	-	-	Coaxial-cable RG178
RX-HF0061-179-00000S	18	1	DC-3GHz	-	-	Coaxial-cable RG179

RX-HF0121

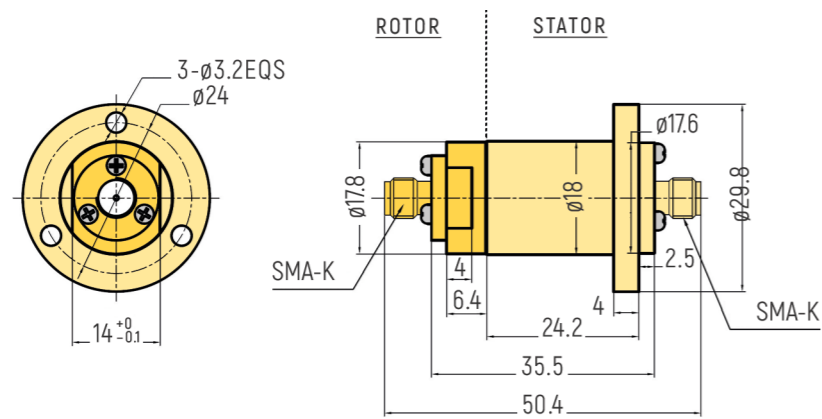
1 Channel



MODEL	LENGTH (mm)	CHANNEL	FREQUENCY	NUMBER OF CIRCUITS		CONNECTORS
				Power 10A	Signal / 5A	
RX-HF0121-SMA-00000S	18	1	DC-30GHz	-	-	SMA

RX-HF0181

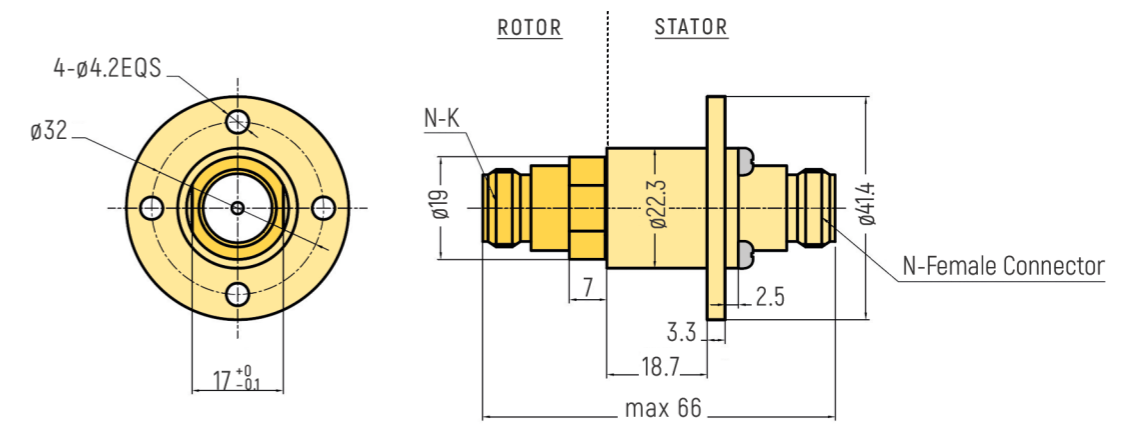
1 Channel



MODEL	LENGTH (mm)	CHANNEL	FREQUENCY	NUMBER OF CIRCUITS		CONNECTORS
				Power 10A	Signal / 5A	
RX-HF0181-SMA-00000S	18	1	DC-18GHz	-	-	SMA

RX-HF0221

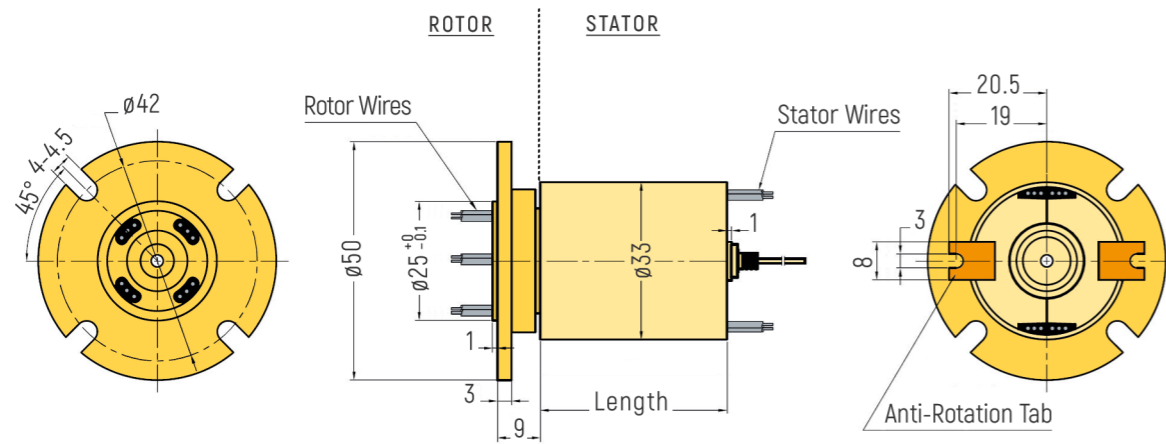
1 Channel



MODEL	LENGTH (mm)	CHANNEL	FREQUENCY	NUMBER OF CIRCUITS		CONNECTORS
				Power 10A	Signal / 5A	
RX-HF0221-NTY-00000S	18	1	DC-12GHz	-	-	N-type

RX-HF0331

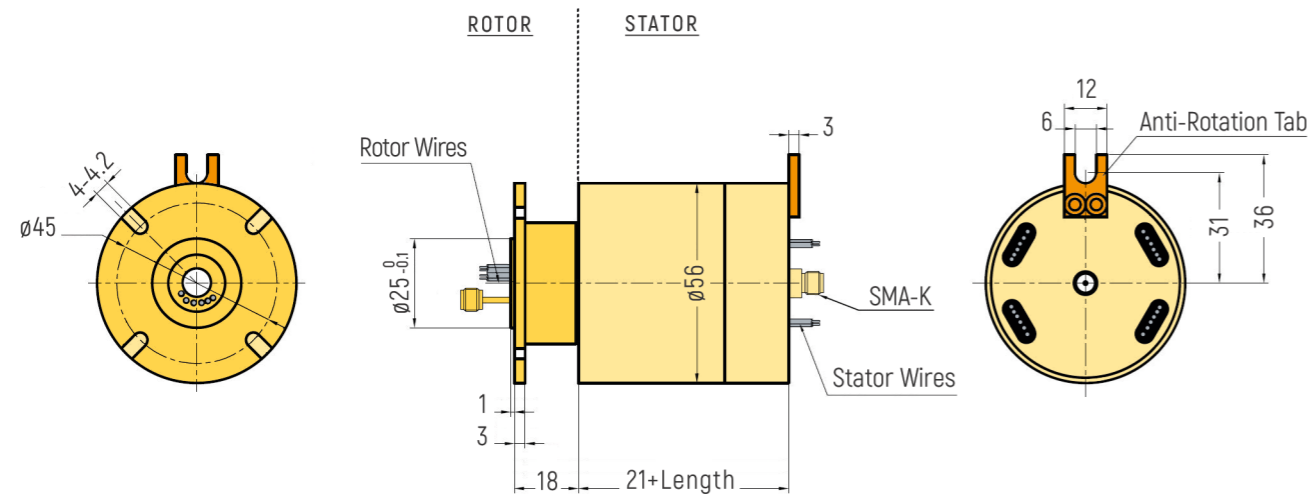
1 Channel



MODEL	LENGTH (mm)	CHANNEL	FREQUENCY	NUMBER OF CIRCUITS		CONNECTORS
				Power 10A	Signal / 5A	
RX-HF0331-178-00006S	25.4	1	DC-3GHz	-	6	Coaxial-cable RG178
RX-HF0331-179-00006S	25.4	1	DC-3GHz	-	6	Coaxial-cable RG179
RX-HF0331-178-00012S	39.2	1	DC-3GHz	-	12	Coaxial-cable RG178
RX-HF0331-179-00012S	39.2	1	DC-3GHz	-	12	Coaxial-cable RG179
RX-HF0331-178-00018S	53	1	DC-3GHz	-	18	Coaxial-cable RG178
RX-HF0331-179-00018S	53	1	DC-3GHz	-	18	Coaxial-cable RG179
RX-HF0331-178-00024S	66.8	1	DC-3GHz	-	24	Coaxial-cable RG178
RX-HF0331-179-00024S	66.8	1	DC-3GHz	-	24	Coaxial-cable RG179

RX-HF0561

1 Channel

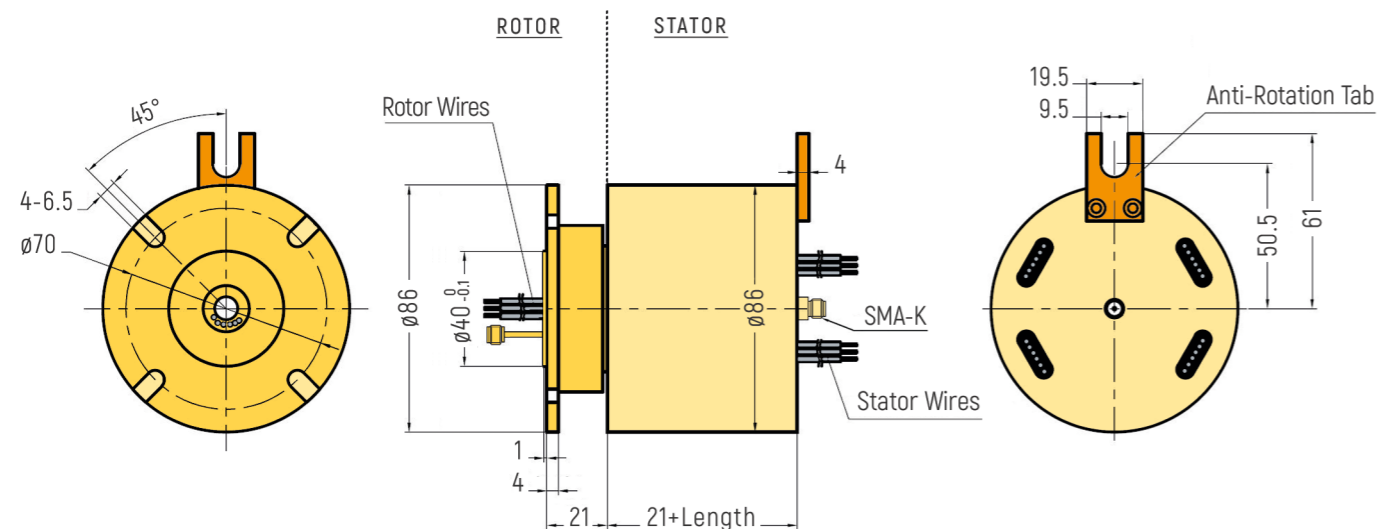


MODEL	LENGTH (mm)	CHANNEL	FREQUENCY	NUMBER OF CIRCUITS		CONNECTORS
				Power 10A	Signal / 5A	
RX-HF0561-SMA-00006S	38	1	DC-30GHz	-	6	SMA
RX-HF0561-NTY-00006S	38	1	DC-30GHz	-	6	N-type
RX-HF0561-178-00006S	38	1	DC-30GHz	-	6	Coaxial-cable RG178
RX-HF0561-SMA-06000S	38	1	DC-30GHz	6	-	SMA
RX-HF0561-NTY-06000S	38	1	DC-30GHz	6	-	N-type
RX-HF0561-178-06000S	38	1	DC-30GHz	6	-	Coaxial-cable RG178
RX-HF0561-SMA-00012S	54.8	1	DC-30GHz	-	12	SMA
RX-HF0561-NTY-00012S	54.8	1	DC-30GHz	-	12	N-type
RX-HF0561-178-00012S	54.8	1	DC-30GHz	-	12	Coaxial-cable RG178
RX-HF0561-SMA-12000S	54.8	1	DC-30GHz	12	-	SMA
RX-HF0561-NTY-12000S	54.8	1	DC-30GHz	12	-	N-type
RX-HF0561-178-12000S	54.8	1	DC-30GHz	12	-	Coaxial-cable RG178
RX-HF0561-SMA-06006S	54.8	1	DC-30GHz	6	6	SMA
RX-HF0561-NTY-06006S	54.8	1	DC-30GHz	6	6	N-type
RX-HF0561-178-06006S	54.8	1	DC-30GHz	6	6	Coaxial-cable RG178
RX-HF0561-SMA-02008S	49.2	1	DC-30GHz	2	8	SMA
RX-HF0561-NTY-02008S	49.2	1	DC-30GHz	2	8	N-type
RX-HF0561-178-02008S	49.2	1	DC-30GHz	2	8	Coaxial-cable RG178
RX-HF0561-SMA-02010S	54.8	1	DC-30GHz	2	10	SMA

MODEL	LENGTH (mm)	CHANNEL	FREQUENCY	NUMBER OF CIRCUITS		CONNECTORS
				Power 10A	Signal / 5A	
RX-HF0561-NTY-02010S	54.8	1	DC-30GHz	2	10	N-type
RX-HF0561-178-02010S	54.8	1	DC-30GHz	2	10	Coaxial-cable RG178
RX-HF0561-SMA-00018S	71.6	1	DC-30GHz	-	18	SMA
RX-HF0561-NTY-00018S	71.6	1	DC-30GHz	-	18	N-type
RX-HF0561-178-00018S	71.6	1	DC-30GHz	-	18	Coaxial-cable RG178
RX-HF0561-SMA-18000S	71.6	1	DC-30GHz	18	-	SMA
RX-HF0561-NTY-18000S	71.6	1	DC-30GHz	18	-	N-type
RX-HF0561-178-18000S	71.6	1	DC-30GHz	18	-	Coaxial-cable RG178
RX-HF0561-SMA-06012S	71.6	1	DC-30GHz	6	12	SMA
RX-HF0561-NTY-06012S	71.6	1	DC-30GHz	6	12	N-type
RX-HF0561-178-06012S	71.6	1	DC-30GHz	6	12	Coaxial-cable RG178
RX-HF0561-SMA-12006S	71.6	1	DC-30GHz	12	6	SMA
RX-HF0561-NTY-12006S	71.6	1	DC-30GHz	12	6	N-type
RX-HF0561-178-12006S	71.6	1	DC-30GHz	12	6	Coaxial-cable RG178
RX-HF0561-SMA-06018S	88.4	1	DC-30GHz	6	18	SMA
RX-HF0561-NTY-06018S	88.4	1	DC-30GHz	6	18	N-type
RX-HF0561-178-06018S	88.4	1	DC-30GHz	6	18	Coaxial-cable RG178
RX-HF0561-SMA-12012S	88.4	1	DC-30GHz	12	12	SMA
RX-HF0561-NTY-12012S	88.4	1	DC-30GHz	12	12	N-type
RX-HF0561-178-12012S	88.4	1	DC-30GHz	12	12	Coaxial-cable RG178
RX-HF0561-SMA-18006S	88.4	1	DC-30GHz	18	6	SMA
RX-HF0561-NTY-18006S	88.4	1	DC-30GHz	18	6	N-type
RX-HF0561-178-18006S	88.4	1	DC-30GHz	18	6	Coaxial-cable RG178
RX-HF0561-SMA-00024S	88.4	1	DC-30GHz	-	24	SMA
RX-HF0561-NTY-00024S	88.4	1	DC-30GHz	-	24	N-type
RX-HF0561-178-00024S	88.4	1	DC-30GHz	-	24	Coaxial-cable RG178
RX-HF0561-SMA-24000S	88.4	1	DC-30GHz	24	-	SMA
RX-HF0561-NTY-24000S	88.4	1	DC-30GHz	24	-	N-type
RX-HF0561-178-24000S	88.4	1	DC-30GHz	24	-	Coaxial-cable RG178
RX-HF0561-SMA-00030S	105.2	1	DC-30GHz	-	30	SMA
RX-HF0561-NTY-00030S	105.2	1	DC-30GHz	-	30	N-type
RX-HF0561-178-00030S	105.2	1	DC-30GHz	-	30	Coaxial-cable RG178
RX-HF0561-SMA-00036S	122	1	DC-30GHz	-	36	SMA
RX-HF0561-NTY-00036S	122	1	DC-30GHz	-	36	N-type
RX-HF0561-178-00036S	122	1	DC-30GHz	-	36	Coaxial-cable RG178
RX-HF0561-SMA-00042S	138.8	1	DC-30GHz	-	42	SMA
RX-HF0561-NTY-00042S	138.8	1	DC-30GHz	-	42	N-type
RX-HF0561-178-00042S	138.8	1	DC-30GHz	-	42	Coaxial-cable RG178

RX-HF0861

1 Channel



MODEL	LENGTH (mm)	CHANNEL	FREQUENCY	NUMBER OF CIRCUITS		CONNECTORS
				Power 10A	Signal / 5A	
RX-HF0861-SMA-00002S	31.6	1	DC-30GHz	-	2	SMA
RX-HF0861-NTY-00002S	31.6	1	DC-30GHz	-	2	N-type
RX-HF0861-178-00002S	31.6	1	DC-30GHz	-	2	Coaxial-cable RG178
RX-HF0861-SMA-02000S	31.6	1	DC-30GHz	2	-	SMA
RX-HF0861-NTY-02000S	31.6	1	DC-30GHz	2	-	N-type
RX-HF0861-178-02000S	31.6	1	DC-30GHz	2	-	Coaxial-cable RG178
RX-HF0861-SMA-00003S	35	1	DC-30GHz	-	3	SMA
RX-HF0861-NTY-00003S	35	1	DC-30GHz	-	3	N-type
RX-HF0861-178-00003S	35	1	DC-30GHz	-	3	Coaxial-cable RG178
RX-HF0861-SMA-03000S	35	1	DC-30GHz	3	-	SMA
RX-HF0861-NTY-03000S	35	1	DC-30GHz	3	-	N-type
RX-HF0861-178-03000S	35	1	DC-30GHz	3	-	Coaxial-cable RG178
RX-HF0861-SMA-00006S	45.2	1	DC-30GHz	-	6	SMA
RX-HF0861-NTY-00006S	45.2	1	DC-30GHz	-	6	N-type
RX-HF0861-178-00006S	45.2	1	DC-30GHz	-	6	Coaxial-cable RG178
RX-HF0861-SMA-02004S	45.2	1	DC-30GHz	2	4	SMA
RX-HF0861-NTY-02004S	45.2	1	DC-30GHz	2	4	N-type
RX-HF0861-178-02004S	45.2	1	DC-30GHz	2	4	Coaxial-cable RG178
RX-HF0861-SMA-04002S	45.2	1	DC-30GHz	4	2	SMA
RX-HF0861-NTY-04002S	45.2	1	DC-30GHz	4	2	N-type
RX-HF0861-178-04002S	45.2	1	DC-30GHz	4	2	Coaxial-cable RG178
RX-HF0861-SMA-06000S	45.2	1	DC-30GHz	6	-	SMA
RX-HF0861-NTY-06000S	45.2	1	DC-30GHz	6	-	N-type
RX-HF0861-178-06000S	45.2	1	DC-30GHz	6	-	Coaxial-cable RG178

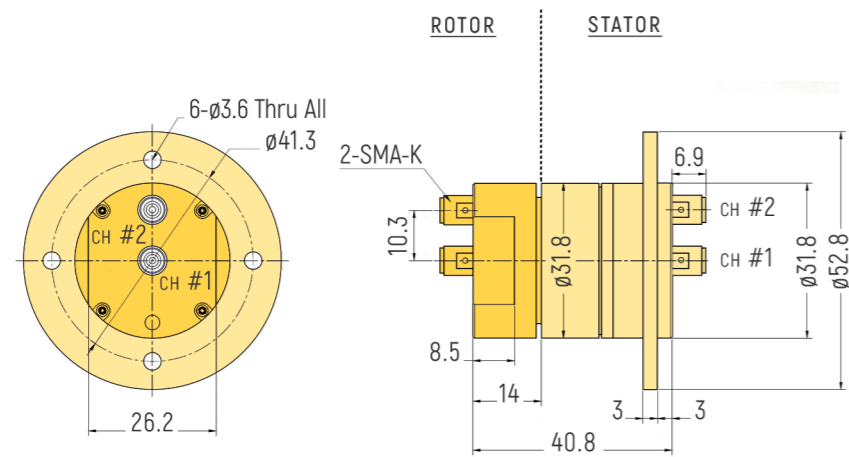
MODEL	LENGTH (mm)	CHANNEL	FREQUENCY	NUMBER OF CIRCUITS		CONNECTORS
				Power 10A	Signal / 5A	
RX-HF0861-SMA-00012S	65.6	1	DC-30GHz	-	12	SMA
RX-HF0861-NTY-00012S	65.6	1	DC-30GHz	-	12	N-type
RX-HF0861-178-00012S	65.6	1	DC-30GHz	-	12	Coaxial-cable RG178
RX-HF0861-SMA-02010S	65.6	1	DC-30GHz	2	10	SMA
RX-HF0861-NTY-02010S	65.6	1	DC-30GHz	2	10	N-type
RX-HF0861-178-02010S	65.6	1	DC-30GHz	2	10	Coaxial-cable RG178
RX-HF0861-SMA-03009S	65.6	1	DC-30GHz	3	9	SMA
RX-HF0861-NTY-03009S	65.6	1	DC-30GHz	3	9	N-type
RX-HF0861-178-03009S	65.6	1	DC-30GHz	3	9	Coaxial-cable RG178
RX-HF0861-SMA-06006S	65.6	1	DC-30GHz	6	6	SMA
RX-HF0861-NTY-06006S	65.6	1	DC-30GHz	6	6	N-type
RX-HF0861-178-06006S	65.6	1	DC-30GHz	6	6	Coaxial-cable RG178
RX-HF0861-SMA-08004S	65.6	1	DC-30GHz	8	4	SMA
RX-HF0861-NTY-08004S	65.6	1	DC-30GHz	8	4	N-type
RX-HF0861-178-08004S	65.6	1	DC-30GHz	8	4	Coaxial-cable RG178
RX-HF0861-SMA-10002S	65.6	1	DC-30GHz	10	2	SMA
RX-HF0861-NTY-10002S	65.6	1	DC-30GHz	10	2	N-type
RX-HF0861-178-10002S	65.6	1	DC-30GHz	10	2	Coaxial-cable RG178
RX-HF0861-SMA-12000S	65.6	1	DC-30GHz	12	-	SMA
RX-HF0861-NTY-12000S	65.6	1	DC-30GHz	12	-	N-type
RX-HF0861-178-12000S	65.6	1	DC-30GHz	12	-	Coaxial-cable RG178
RX-HF0861-SMA-00018S	86	1	DC-30GHz	-	18	SMA
RX-HF0861-NTY-00018S	86	1	DC-30GHz	-	18	N-type
RX-HF0861-178-00018S	86	1	DC-30GHz	-	18	Coaxial-cable RG178
RX-HF0861-SMA-02016S	86	1	DC-30GHz	2	16	SMA
RX-HF0861-NTY-02016S	86	1	DC-30GHz	2	16	N-type
RX-HF0861-178-02016S	86	1	DC-30GHz	2	16	Coaxial-cable RG178
RX-HF0861-SMA-04014S	86	1	DC-30GHz	4	14	SMA
RX-HF0861-NTY-04014S	86	1	DC-30GHz	4	14	N-type
RX-HF0861-178-04014S	86	1	DC-30GHz	4	14	Coaxial-cable RG178
RX-HF0861-SMA-06012S	86	1	DC-30GHz	6	12	SMA
RX-HF0861-NTY-06012S	86	1	DC-30GHz	6	12	N-type
RX-HF0861-178-06012S	86	1	DC-30GHz	6	12	Coaxial-cable RG178
RX-HF0861-SMA-08010S	86	1	DC-30GHz	8	10	SMA
RX-HF0861-NTY-08010S	86	1	DC-30GHz	8	10	N-type
RX-HF0861-178-08010S	86	1	DC-30GHz	8	10	Coaxial-cable RG178
RX-HF0861-SMA-10008S	86	1	DC-30GHz	10	8	SMA
RX-HF0861-NTY-10008S	86	1	DC-30GHz	10	8	N-type
RX-HF0861-178-10008S	86	1	DC-30GHz	10	8	Coaxial-cable RG178
RX-HF0861-SMA-12006S	86	1	DC-30GHz	12	6	SMA
RX-HF0861-NTY-12006S	86	1	DC-30GHz	12	6	N-type
RX-HF0861-178-12006S	86	1	DC-30GHz	12	6	Coaxial-cable RG178
RX-HF0861-SMA-14004S	86	1	DC-30GHz	14	4	SMA
RX-HF0861-NTY-14004S	86	1	DC-30GHz	14	4	N-type
RX-HF0861-178-14004S	86	1	DC-30GHz	14	4	Coaxial-cable RG178
RX-HF0861-SMA-16002S	86	1	DC-30GHz	16	2	SMA
RX-HF0861-NTY-16002S	86	1	DC-30GHz	16	2	N-type

MODEL	LENGTH (mm)	CHANNEL	FREQUENCY	NUMBER OF CIRCUITS		CONNECTORS
				Power 10A	Signal / 5A	
RX-HF0861-178-16002S	86	1	DC-30GHz	16	2	Coaxial-cable RG178
RX-HF0861-SMA-00024S	106.4	1	DC-30GHz	-	24	SMA
RX-HF0861-NTY-00024S	106.4	1	DC-30GHz	-	24	N-type
RX-HF0861-178-00024S	106.4	1	DC-30GHz	-	24	Coaxial-cable RG178
RX-HF0861-SMA-04020S	106.4	1	DC-30GHz	4	20	SMA
RX-HF0861-NTY-04020S	106.4	1	DC-30GHz	4	20	N-type
RX-HF0861-178-04020S	106.4	1	DC-30GHz	4	20	Coaxial-cable RG178
RX-HF0861-SMA-06018S	106.4	1	DC-30GHz	6	18	SMA
RX-HF0861-NTY-06018S	106.4	1	DC-30GHz	6	18	N-type
RX-HF0861-178-06018S	106.4	1	DC-30GHz	6	18	Coaxial-cable RG178
RX-HF0861-SMA-12012S	106.4	1	DC-30GHz	12	12	SMA
RX-HF0861-NTY-12012S	106.4	1	DC-30GHz	12	12	N-type
RX-HF0861-178-12012S	106.4	1	DC-30GHz	12	12	Coaxial-cable RG178
RX-HF0861-SMA-18006S	106.4	1	DC-30GHz	18	6	SMA
RX-HF0861-NTY-18006S	106.4	1	DC-30GHz	18	6	N-type
RX-HF0861-178-18006S	106.4	1	DC-30GHz	18	6	Coaxial-cable RG178
RX-HF0861-SMA-24000S	106.4	1	DC-30GHz	24	-	SMA
RX-HF0861-NTY-24000S	106.4	1	DC-30GHz	24	-	N-type
RX-HF0861-178-24000S	106.4	1	DC-30GHz	24	-	Coaxial-cable RG178
RX-HF0861-SMA-00030S	126.8	1	DC-30GHz	-	30	SMA
RX-HF0861-NTY-00030S	126.8	1	DC-30GHz	-	30	N-type
RX-HF0861-178-00030S	126.8	1	DC-30GHz	-	30	Coaxial-cable RG178
RX-HF0861-SMA-06024S	126.8	1	DC-30GHz	6	24	SMA
RX-HF0861-NTY-06024S	126.8	1	DC-30GHz	6	24	N-type
RX-HF0861-178-06024S	126.8	1	DC-30GHz	6	24	Coaxial-cable RG178
RX-HF0861-SMA-12018S	126.8	1	DC-30GHz	12	18	SMA
RX-HF0861-NTY-12018S	126.8	1	DC-30GHz	12	18	N-type
RX-HF0861-178-12018S	126.8	1	DC-30GHz	12	18	Coaxial-cable RG178
RX-HF0861-SMA-18012S	126.8	1	DC-30GHz	18	12	SMA
RX-HF0861-NTY-18012S	126.8	1	DC-30GHz	18	12	N-type
RX-HF0861-178-18012S	126.8	1	DC-30GHz	18	12	Coaxial-cable RG178
RX-HF0861-SMA-24006S	126.8	1	DC-30GHz	24	6	SMA
RX-HF0861-NTY-24006S	126.8	1	DC-30GHz	24	6	N-type
RX-HF0861-178-24006S	126.8	1	DC-30GHz	24	6	Coaxial-cable RG178
RX-HF0861-SMA-30000S	126.8	1	DC-30GHz	30	-	SMA
RX-HF0861-NTY-30000S	126.8	1	DC-30GHz	30	-	N-type
RX-HF0861-178-30000S	126.8	1	DC-30GHz	30	-	Coaxial-cable RG178
RX-HF0861-SMA-00036S	147.2	1	DC-30GHz	-	36	SMA
RX-HF0861-NTY-00036S	147.2	1	DC-30GHz	-	36	N-type
RX-HF0861-178-00036S	147.2	1	DC-30GHz	-	36	Coaxial-cable RG178
RX-HF0861-SMA-06030S	147.2	1	DC-30GHz	6	30	SMA
RX-HF0861-NTY-06030S	147.2	1	DC-30GHz	6	30	N-type
RX-HF0861-178-06030S	147.2	1	DC-30GHz	6	30	Coaxial-cable RG178
RX-HF0861-SMA-12024S	147.2	1	DC-30GHz	12	24	SMA
RX-HF0861-NTY-12024S	147.2	1	DC-30GHz	12	24	N-type
RX-HF0861-178-12024S	147.2	1	DC-30GHz	12	24	Coaxial-cable RG178
RX-HF0861-SMA-36000S	147.2	1	DC-30GHz	36	-	SMA

MODEL	LENGTH (mm)	CHANNEL	FREQUENCY	NUMBER OF CIRCUITS		CONNECTORS
				Power 10A	Signal / 5A	
RX-HF0861-NTY-36000S	147.2	1	DC-30GHz	36	-	N-type
RX-HF0861-178-36000S	147.2	1	DC-30GHz	36	-	Coaxial-cable RG178
RX-HF0861-SMA-00042S	167.6	1	DC-30GHz	-	42	SMA
RX-HF0861-NTY-00042S	167.6	1	DC-30GHz	-	42	N-type
RX-HF0861-178-00042S	167.6	1	DC-30GHz	-	42	Coaxial-cable RG178
RX-HF0861-SMA-06036S	167.6	1	DC-30GHz	6	36	SMA
RX-HF0861-NTY-06036S	167.6	1	DC-30GHz	6	36	N-type
RX-HF0861-178-06036S	167.6	1	DC-30GHz	6	36	Coaxial-cable RG178
RX-HF0861-SMA-12030S	167.6	1	DC-30GHz	12	30	SMA
RX-HF0861-NTY-12030S	167.6	1	DC-30GHz	12	30	N-type
RX-HF0861-178-12030S	167.6	1	DC-30GHz	12	30	Coaxial-cable RG178
RX-HF0861-SMA-00048S	188	1	DC-30GHz	-	48	SMA
RX-HF0861-NTY-00048S	188	1	DC-30GHz	-	48	N-type
RX-HF0861-178-00048S	188	1	DC-30GHz	-	48	Coaxial-cable RG178
RX-HF0861-SMA-06042S	188	1	DC-30GHz	6	42	SMA
RX-HF0861-NTY-06042S	188	1	DC-30GHz	6	42	N-type
RX-HF0861-178-06042S	188	1	DC-30GHz	6	42	Coaxial-cable RG178
RX-HF0861-SMA-09039S	188	1	DC-30GHz	9	39	SMA
RX-HF0861-NTY-09039S	188	1	DC-30GHz	9	39	N-type
RX-HF0861-178-09039S	188	1	DC-30GHz	9	39	Coaxial-cable RG178
RX-HF0861-SMA-12036S	188	1	DC-30GHz	12	36	SMA
RX-HF0861-NTY-12036S	188	1	DC-30GHz	12	36	N-type
RX-HF0861-178-12036S	188	1	DC-30GHz	12	36	Coaxial-cable RG178
RX-HF0861-SMA-18030S	188	1	DC-30GHz	18	30	SMA
RX-HF0861-NTY-18030S	188	1	DC-30GHz	18	30	N-type
RX-HF0861-178-18030S	188	1	DC-30GHz	18	30	Coaxial-cable RG178
RX-HF0861-SMA-24024S	188	1	DC-30GHz	24	24	SMA
RX-HF0861-NTY-24024S	188	1	DC-30GHz	24	24	N-type
RX-HF0861-178-24024S	188	1	DC-30GHz	24	24	Coaxial-cable RG178
RX-HF0861-SMA-00060S	238.8	1	DC-30GHz	-	60	SMA
RX-HF0861-NTY-00060S	238.8	1	DC-30GHz	-	60	N-type
RX-HF0861-178-00060S	238.8	1	DC-30GHz	-	60	Coaxial-cable RG178
RX-HF0861-SMA-06054S	238.8	1	DC-30GHz	6	54	SMA
RX-HF0861-NTY-06054S	238.8	1	DC-30GHz	6	54	N-type
RX-HF0861-178-06054S	238.8	1	DC-30GHz	6	54	Coaxial-cable RG178
RX-HF0861-SMA-09051S	238.8	1	DC-30GHz	9	51	SMA
RX-HF0861-NTY-09051S	238.8	1	DC-30GHz	9	51	N-type
RX-HF0861-178-09051S	238.8	1	DC-30GHz	9	51	Coaxial-cable RG178
RX-HF0861-SMA-12048S	238.8	1	DC-30GHz	12	48	SMA
RX-HF0861-NTY-12048S	238.8	1	DC-30GHz	12	48	N-type
RX-HF0861-178-12048S	238.8	1	DC-30GHz	12	48	Coaxial-cable RG178
RX-HF0861-SMA-00072S	289.6	1	DC-30GHz	-	72	SMA
RX-HF0861-NTY-00072S	289.6	1	DC-30GHz	-	72	N-type
RX-HF0861-178-00072S	289.6	1	DC-30GHz	-	72	Coaxial-cable RG178

RX-HF0312

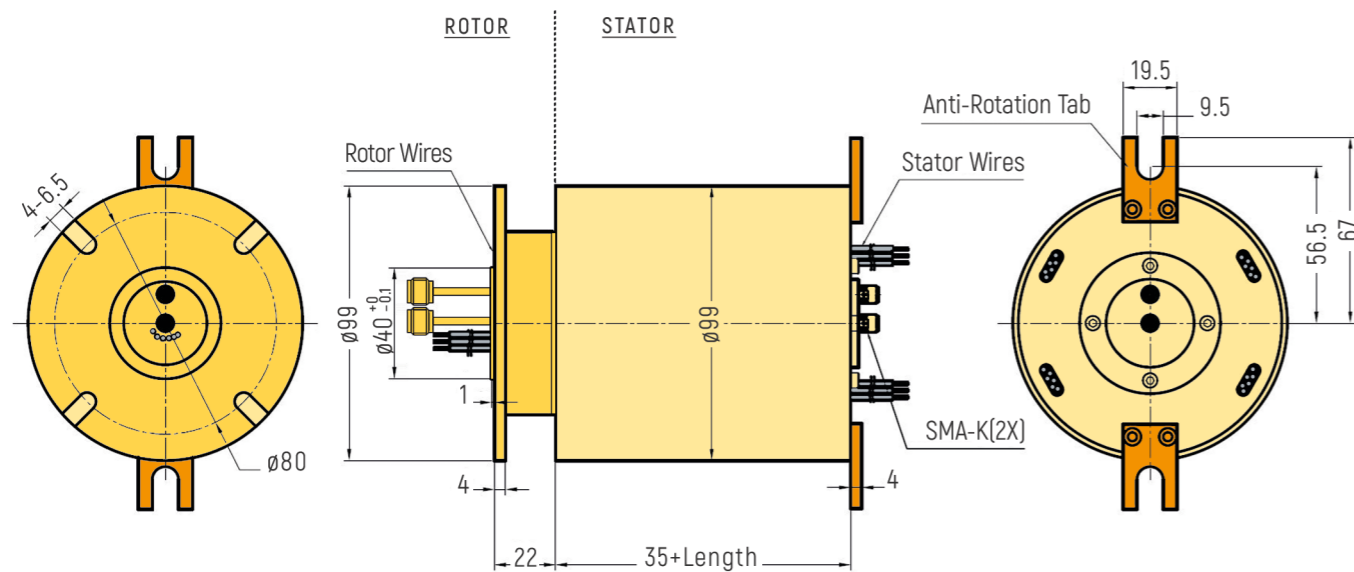
2 Channels



MODEL	LENGTH (mm)	CHANNEL	FREQUENCY	NUMBER OF CIRCUITS		CONNECTORS
				Power 10A	Signal / 5A	
RX-HF0312-SMA-00000S	40.8	2	DC-4.5GHz	-	-	SMA
RX-HF0312-SMA-00000S	40.8	2	DC-18GHz	-	-	SMA
RX-HF0312-NTY-00000S	40.8	2	DC-4.5GHz	-	-	N-type

RX-HF0992

2 Channels



MODEL	LENGTH (mm)	CHANNEL	FREQUENCY	NUMBER OF CIRCUITS		CONNECTORS
				Power 10A	Signal / 5A	
RX-HF0992-SMA-00002S	31.6	2	DC-4.5GHz	-	2	SMA
RX-HF0992-NTY-00002S	31.6	2	DC-4.5GHz	-	2	N-type
RX-HF0992-178-00002S	31.6	2	DC-4.5GHz	-	2	Coaxial-cable RG178
RX-HF0992-SMA-02000S	31.6	2	DC-4.5GHz	2	-	SMA
RX-HF0992-NTY-02000S	31.6	2	DC-4.5GHz	2	-	N-type
RX-HF0992-178-02000S	31.6	2	DC-4.5GHz	2	-	Coaxial-cable RG178
RX-HF0992-SMA-00003S	35	2	DC-4.5GHz	-	3	SMA
RX-HF0992-NTY-00003S	35	2	DC-4.5GHz	-	3	N-type
RX-HF0992-178-00003S	35	2	DC-4.5GHz	-	3	Coaxial-cable RG178
RX-HF0992-SMA-03000S	35	2	DC-4.5GHz	3	-	SMA
RX-HF0992-NTY-03000S	35	2	DC-4.5GHz	3	-	N-type
RX-HF0992-178-03000S	35	2	DC-4.5GHz	3	-	Coaxial-cable RG178
RX-HF0992-SMA-00006S	45.2	2	DC-4.5GHz	-	6	SMA
RX-HF0992-NTY-00006S	45.2	2	DC-4.5GHz	-	6	N-type
RX-HF0992-178-00006S	45.2	2	DC-4.5GHz	-	6	Coaxial-cable RG178
RX-HF0992-SMA-02004S	45.2	2	DC-4.5GHz	2	4	SMA
RX-HF0992-NTY-02004S	45.2	2	DC-4.5GHz	2	4	N-type
RX-HF0992-178-02004S	45.2	2	DC-4.5GHz	2	4	Coaxial-cable RG178
RX-HF0992-SMA-04002S	45.2	2	DC-4.5GHz	4	2	SMA
RX-HF0992-NTY-04002S	45.2	2	DC-4.5GHz	4	2	N-type
RX-HF0992-178-04002S	45.2	2	DC-4.5GHz	4	2	Coaxial-cable RG178
RX-HF0992-SMA-06000S	45.2	2	DC-4.5GHz	6	-	SMA
RX-HF0992-NTY-06000S	45.2	2	DC-4.5GHz	6	-	N-type
RX-HF0992-178-06000S	45.2	2	DC-4.5GHz	6	-	Coaxial-cable RG178

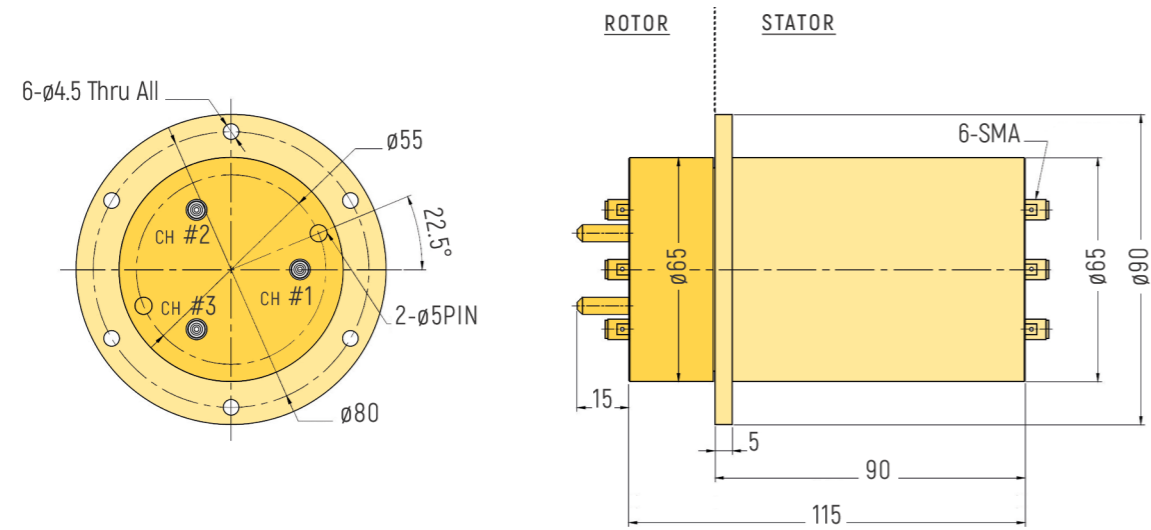
MODEL	LENGTH (mm)	CHANNEL	FREQUENCY	NUMBER OF CIRCUITS		CONNECTORS
				Power 10A	Signal / 5A	
RX-HF0992-SMA-00012S	65.6	2	DC-4.5GHz	-	12	SMA
RX-HF0992-NTY-00012S	65.6	2	DC-4.5GHz	-	12	N-type
RX-HF0992-178-00012S	65.6	2	DC-4.5GHz	-	12	Coaxial-cable RG178
RX-HF0992-SMA-02010S	65.6	2	DC-4.5GHz	2	10	SMA
RX-HF0992-NTY-02010S	65.6	2	DC-4.5GHz	2	10	N-type
RX-HF0992-178-02010S	65.6	2	DC-4.5GHz	2	10	Coaxial-cable RG178
RX-HF0992-SMA-03009S	65.6	2	DC-4.5GHz	3	9	SMA
RX-HF0992-NTY-03009S	65.6	2	DC-4.5GHz	3	9	N-type
RX-HF0992-178-03009S	65.6	2	DC-4.5GHz	3	9	Coaxial-cable RG178
RX-HF0992-SMA-06006S	65.6	2	DC-4.5GHz	6	6	SMA
RX-HF0992-NTY-06006S	65.6	2	DC-4.5GHz	6	6	N-type
RX-HF0992-178-06006S	65.6	2	DC-4.5GHz	6	6	Coaxial-cable RG178
RX-HF0992-SMA-08004S	65.6	2	DC-4.5GHz	8	4	SMA
RX-HF0992-NTY-08004S	65.6	2	DC-4.5GHz	8	4	N-type
RX-HF0992-178-08004S	65.6	2	DC-4.5GHz	8	4	Coaxial-cable RG178
RX-HF0992-SMA-10002S	65.6	2	DC-4.5GHz	10	2	SMA
RX-HF0992-NTY-10002S	65.6	2	DC-4.5GHz	10	2	N-type
RX-HF0992-178-10002S	65.6	2	DC-4.5GHz	10	2	Coaxial-cable RG178
RX-HF0992-SMA-12000S	65.6	2	DC-4.5GHz	12	-	SMA
RX-HF0992-NTY-12000S	65.6	2	DC-4.5GHz	12	-	N-type
RX-HF0992-178-12000S	65.6	2	DC-4.5GHz	12	-	Coaxial-cable RG178
RX-HF0992-SMA-00018S	86	2	DC-4.5GHz	-	18	SMA
RX-HF0992-NTY-00018S	86	2	DC-4.5GHz	-	18	N-type
RX-HF0992-178-00018S	86	2	DC-4.5GHz	-	18	Coaxial-cable RG178
RX-HF0992-SMA-02016S	86	2	DC-4.5GHz	2	16	SMA
RX-HF0992-NTY-02016S	86	2	DC-4.5GHz	2	16	N-type
RX-HF0992-178-02016S	86	2	DC-4.5GHz	2	16	Coaxial-cable RG178
RX-HF0992-SMA-04014S	86	2	DC-4.5GHz	4	14	SMA
RX-HF0992-NTY-04014S	86	2	DC-4.5GHz	4	14	N-type
RX-HF0992-178-04014S	86	2	DC-4.5GHz	4	14	Coaxial-cable RG178
RX-HF0992-SMA-06012S	86	2	DC-4.5GHz	6	12	SMA
RX-HF0992-NTY-06012S	86	2	DC-4.5GHz	6	12	N-type
RX-HF0992-178-06012S	86	2	DC-4.5GHz	6	12	Coaxial-cable RG178
RX-HF0992-SMA-08010S	86	2	DC-4.5GHz	8	10	SMA
RX-HF0992-NTY-08010S	86	2	DC-4.5GHz	8	10	N-type
RX-HF0992-178-08010S	86	2	DC-4.5GHz	8	10	Coaxial-cable RG178
RX-HF0992-SMA-10008S	86	2	DC-4.5GHz	10	8	SMA
RX-HF0992-NTY-10008S	86	2	DC-4.5GHz	10	8	N-type
RX-HF0992-178-10008S	86	2	DC-4.5GHz	10	8	Coaxial-cable RG178
RX-HF0992-SMA-12006S	86	2	DC-4.5GHz	12	6	SMA
RX-HF0992-NTY-12006S	86	2	DC-4.5GHz	12	6	N-type
RX-HF0992-178-12006S	86	2	DC-4.5GHz	12	6	Coaxial-cable RG178
RX-HF0992-SMA-14004S	86	2	DC-4.5GHz	14	4	SMA
RX-HF0992-NTY-14004S	86	2	DC-4.5GHz	14	4	N-type
RX-HF0992-178-14004S	86	2	DC-4.5GHz	14	4	Coaxial-cable RG178
RX-HF0992-SMA-16002S	86	2	DC-4.5GHz	16	2	SMA

MODEL	LENGTH (mm)	CHANNEL	FREQUENCY	NUMBER OF CIRCUITS		CONNECTORS
				Power 10A	Signal / 5A	
RX-HF0992-NTY-16002S	86	2	DC-4.5GHz	16	2	N-type
RX-HF0992-178-16002S	86	2	DC-4.5GHz	16	2	Coaxial-cable RG178
RX-HF0992-SMA-00024S	106.4	2	DC-4.5GHz	-	24	SMA
RX-HF0992-NTY-00024S	106.4	2	DC-4.5GHz	-	24	N-type
RX-HF0992-178-00024S	106.4	2	DC-4.5GHz	-	24	Coaxial-cable RG178
RX-HF0992-SMA-04020S	106.4	2	DC-4.5GHz	4	20	SMA
RX-HF0992-NTY-04020S	106.4	2	DC-4.5GHz	4	20	N-type
RX-HF0992-178-04020S	106.4	2	DC-4.5GHz	4	20	Coaxial-cable RG178
RX-HF0992-SMA-06018S	106.4	2	DC-4.5GHz	6	18	SMA
RX-HF0992-NTY-06018S	106.4	2	DC-4.5GHz	6	18	N-type
RX-HF0992-178-06018S	106.4	2	DC-4.5GHz	6	18	Coaxial-cable RG178
RX-HF0992-SMA-12012S	106.4	2	DC-4.5GHz	12	12	SMA
RX-HF0992-NTY-12012S	106.4	2	DC-4.5GHz	12	12	N-type
RX-HF0992-178-12012S	106.4	2	DC-4.5GHz	12	12	Coaxial-cable RG178
RX-HF0992-SMA-18006S	106.4	2	DC-4.5GHz	18	6	SMA
RX-HF0992-NTY-18006S	106.4	2	DC-4.5GHz	18	6	N-type
RX-HF0992-178-18006S	106.4	2	DC-4.5GHz	18	6	Coaxial-cable RG178
RX-HF0992-SMA-24000S	106.4	2	DC-4.5GHz	24	-	SMA
RX-HF0992-NTY-24000S	106.4	2	DC-4.5GHz	24	-	N-type
RX-HF0992-178-24000S	106.4	2	DC-4.5GHz	24	-	Coaxial-cable RG178
RX-HF0992-SMA-00030S	126.8	2	DC-4.5GHz	-	30	SMA
RX-HF0992-NTY-00030S	126.8	2	DC-4.5GHz	-	30	N-type
RX-HF0992-178-00030S	126.8	2	DC-4.5GHz	-	30	Coaxial-cable RG178
RX-HF0992-SMA-06024S	126.8	2	DC-4.5GHz	6	24	SMA
RX-HF0992-NTY-06024S	126.8	2	DC-4.5GHz	6	24	N-type
RX-HF0992-178-06024S	126.8	2	DC-4.5GHz	6	24	Coaxial-cable RG178
RX-HF0992-SMA-12018S	126.8	2	DC-4.5GHz	12	18	SMA
RX-HF0992-NTY-12018S	126.8	2	DC-4.5GHz	12	18	N-type
RX-HF0992-178-12018S	126.8	2	DC-4.5GHz	12	18	Coaxial-cable RG178
RX-HF0992-SMA-18012S	126.8	2	DC-4.5GHz	18	12	SMA
RX-HF0992-NTY-18012S	126.8	2	DC-4.5GHz	18	12	N-type
RX-HF0992-178-18012S	126.8	2	DC-4.5GHz	18	12	Coaxial-cable RG178
RX-HF0992-SMA-24006S	126.8	2	DC-4.5GHz	24	6	SMA
RX-HF0992-NTY-24006S	126.8	2	DC-4.5GHz	24	6	N-type
RX-HF0992-178-24006S	126.8	2	DC-4.5GHz	24	6	Coaxial-cable RG178
RX-HF0992-SMA-30000S	126.8	2	DC-4.5GHz	30	-	SMA
RX-HF0992-NTY-30000S	126.8	2	DC-4.5GHz	30	-	N-type
RX-HF0992-178-30000S	126.8	2	DC-4.5GHz	30	-	Coaxial-cable RG178
RX-HF0992-SMA-00036S	147.2	2	DC-4.5GHz	-	36	SMA
RX-HF0992-NTY-00036S	147.2	2	DC-4.5GHz	-	36	N-type
RX-HF0992-178-00036S	147.2	2	DC-4.5GHz	-	36	Coaxial-cable RG178
RX-HF0992-SMA-06030S	147.2	2	DC-4.5GHz	6	30	SMA
RX-HF0992-NTY-06030S	147.2	2	DC-4.5GHz	6	30	N-type
RX-HF0992-178-06030S	147.2	2	DC-4.5GHz	6	30	Coaxial-cable RG178
RX-HF0992-SMA-12024S	147.2	2	DC-4.5GHz	12	24	SMA
RX-HF0992-NTY-12024S	147.2	2	DC-4.5GHz	12	24	N-type

MODEL	LENGTH (mm)	CHANNEL	FREQUENCY	NUMBER OF CIRCUITS		CONNECTORS
				Power 10A	Signal / 5A	
RX-HF0992-178-12024S	147.2	2	DC-4.5GHz	12	24	Coaxial-cable RG178
RX-HF0992-SMA-36000S	147.2	2	DC-4.5GHz	36	-	SMA
RX-HF0992-NTY-36000S	147.2	2	DC-4.5GHz	36	-	N-type
RX-HF0992-178-36000S	147.2	2	DC-4.5GHz	36	-	Coaxial-cable RG178
RX-HF0992-SMA-00042S	167.6	2	DC-4.5GHz	-	42	SMA
RX-HF0992-NTY-00042S	167.6	2	DC-4.5GHz	-	42	N-type
RX-HF0992-178-00042S	167.6	2	DC-4.5GHz	-	42	Coaxial-cable RG178
RX-HF0992-SMA-06036S	167.6	2	DC-4.5GHz	6	36	SMA
RX-HF0992-NTY-06036S	167.6	2	DC-4.5GHz	6	36	N-type
RX-HF0992-178-06036S	167.6	2	DC-4.5GHz	6	36	Coaxial-cable RG178
RX-HF0992-SMA-12030S	167.6	2	DC-4.5GHz	12	30	SMA
RX-HF0992-NTY-12030S	167.6	2	DC-4.5GHz	12	30	N-type
RX-HF0992-178-12030S	167.6	2	DC-4.5GHz	12	30	Coaxial-cable RG178
RX-HF0992-SMA-00048S	188	2	DC-4.5GHz	-	48	SMA
RX-HF0992-NTY-00048S	188	2	DC-4.5GHz	-	48	N-type
RX-HF0992-178-00048S	188	2	DC-4.5GHz	-	48	Coaxial-cable RG178
RX-HF0992-SMA-06042S	188	2	DC-4.5GHz	6	42	SMA
RX-HF0992-NTY-06042S	188	2	DC-4.5GHz	6	42	N-type
RX-HF0992-178-06042S	188	2	DC-4.5GHz	6	42	Coaxial-cable RG178
RX-HF0992-SMA-09039S	188	2	DC-4.5GHz	9	39	SMA
RX-HF0992-NTY-09039S	188	2	DC-4.5GHz	9	39	N-type
RX-HF0992-178-09039S	188	2	DC-4.5GHz	9	39	Coaxial-cable RG178
RX-HF0992-SMA-12036S	188	2	DC-4.5GHz	12	36	SMA
RX-HF0992-NTY-12036S	188	2	DC-4.5GHz	12	36	N-type
RX-HF0992-178-12036S	188	2	DC-4.5GHz	12	36	Coaxial-cable RG178
RX-HF0992-SMA-18030S	188	2	DC-4.5GHz	18	30	SMA
RX-HF0992-NTY-18030S	188	2	DC-4.5GHz	18	30	N-type
RX-HF0992-178-18030S	188	2	DC-4.5GHz	18	30	Coaxial-cable RG178
RX-HF0992-SMA-24024S	188	2	DC-4.5GHz	24	24	SMA
RX-HF0992-NTY-24024S	188	2	DC-4.5GHz	24	24	N-type
RX-HF0992-178-24024S	188	2	DC-4.5GHz	24	24	Coaxial-cable RG178
RX-HF0992-SMA-00060S	238.8	2	DC-4.5GHz	-	60	SMA
RX-HF0992-NTY-00060S	238.8	2	DC-4.5GHz	-	60	N-type
RX-HF0992-178-00060S	238.8	2	DC-4.5GHz	-	60	Coaxial-cable RG178
RX-HF0992-SMA-06054S	238.8	2	DC-4.5GHz	6	54	SMA
RX-HF0992-NTY-06054S	238.8	2	DC-4.5GHz	6	54	N-type
RX-HF0992-178-06054S	238.8	2	DC-4.5GHz	6	54	Coaxial-cable RG178
RX-HF0992-SMA-09051S	238.8	2	DC-4.5GHz	9	51	SMA
RX-HF0992-NTY-09051S	238.8	2	DC-4.5GHz	9	51	N-type
RX-HF0992-178-09051S	238.8	2	DC-4.5GHz	9	51	Coaxial-cable RG178
RX-HF0992-SMA-12048S	238.8	2	DC-4.5GHz	12	48	SMA
RX-HF0992-NTY-12048S	238.8	2	DC-4.5GHz	12	48	N-type
RX-HF0992-178-12048S	238.8	2	DC-4.5GHz	12	48	Coaxial-cable RG178
RX-HF0992-SMA-00072S	289.6	2	DC-4.5GHz	-	72	SMA
RX-HF0992-NTY-00072S	289.6	2	DC-4.5GHz	-	72	N-type
RX-HF0992-178-00072S	289.6	2	DC-4.5GHz	-	72	Coaxial-cable RG178

RX-HF0653

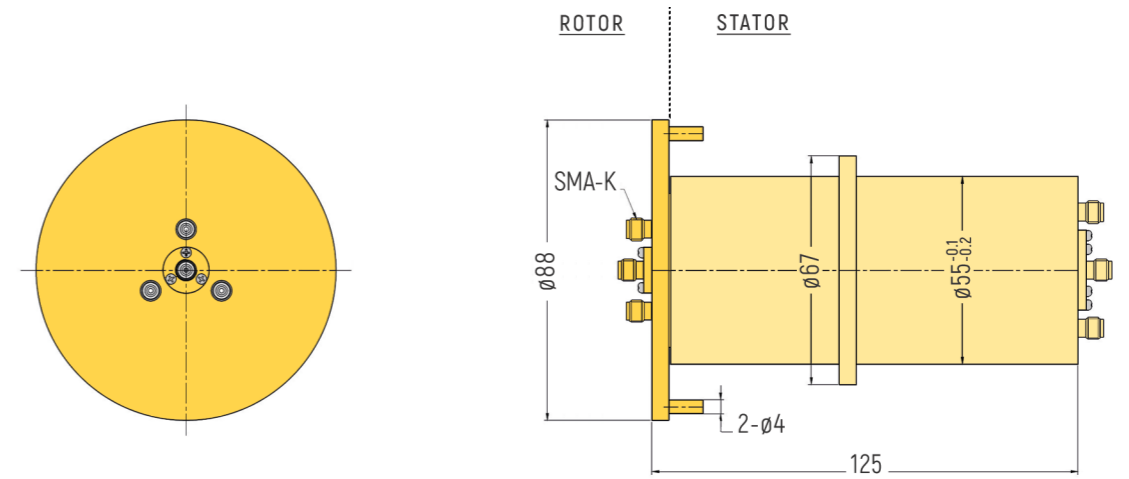
3 Channels



MODEL	LENGTH (mm)	CHANNEL	FREQUENCY	NUMBER OF CIRCUITS		CONNECTORS
				Power 10A	Signal / 5A	
RX-HF0653-SMA-00000S	115	3	DC-2.5GHz	-	-	SMA

RX-HF0554

4 Channels



MODEL	LENGTH (mm)	CHANNEL	FREQUENCY	NUMBER OF CIRCUITS		CONNECTORS
				Power 10A	Signal / 5A	
RX-HF0554-SMA-00000S	125	4	DC-2.5GHz	-	-	SMA

Customized Slip Rings



HYBRID SLIP RING FOR WATER, POWER AND SIGNAL TRANSMISSION

- 12 x 10A power, 1 x gigabit Ethernet, 1 x water leadthrough
- Harting connector for power lines
- Housing material aluminium

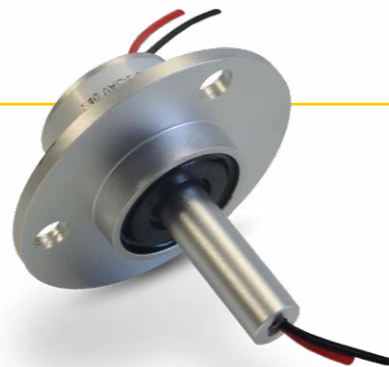


MEDIUM SIZE SLIP RING WITH MASSIVE FLANGE

- Axial cable outtake rotor, radial cable outtake stator
- Steel housing in customized color
- Special cable protection sleeve

MINIATURE METAL HOUSING WITH ELONGATED ROTOR SHAPE

- Special rotor design acc. to customer specification
- 4 x 2A signal rings
- Protection degree IP65



LARGE SLIP RING FOR MARITIME APPLICATIONS

- Outer diameter 14 meters, inner diameter 0.7 meters
- Housing material steel, color similar to maritime vessel
- Inspection porthole

MEDIUM SIZE SLIP RING WITH MASSIVE FLANGE

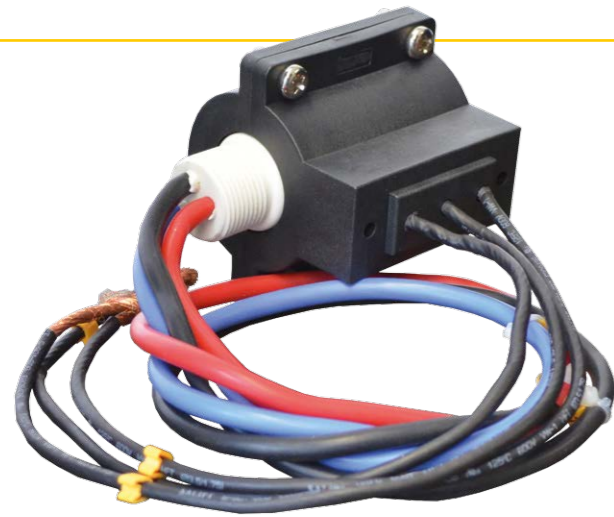
- Aluminium rotor flange with customized boreholes
- Flange thickness 13mm
- Protection degree IP65



HYBRID MEDIUM SIZE HOLLOW-SHAFT SLIP RING

- 10 x 10A signal transmission + EtherCat signals
- Massive housing for heavy-duty-applications
- Special flange and double-anti-rotation-tabs



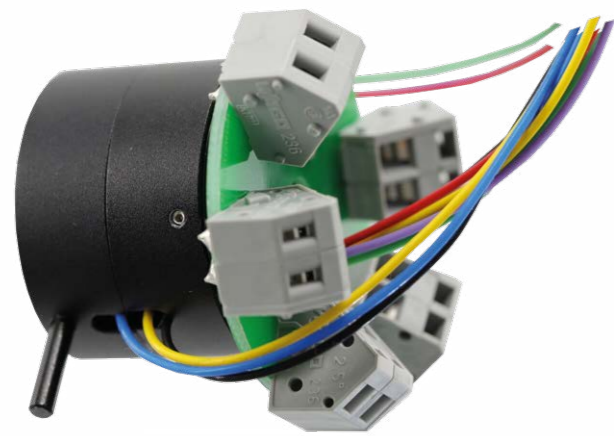


MINIATURE POWER SLIP RING WITH CUSTOMIZED HOUSING

- 3 x 63A power transmission on minimum space
- Special plastic housing
- Cable color code according to customer requirement

PANCAKE SLIP RING WITHOUT HOUSING

- Special diameter according to customer machine
- 2 rings for power transmission
- Brushholder with customized fixing holes and cable



MINIATURE SIZE SLIP RING WAGO CONNECTORS ON PCB

- 16 x 2A signal transmission
- Customized PCB with WAGO connectors for cable connection
- Special housing design with anti-rotation-bar

HYBRID MEDIUM SIZE SLIP RING WITH FIBER OPTIC AND COAX TRANSMISSION

- Customized housing shape with special rotor design
- Gearwheel teeth shape integrated in rotor design
- FORJ Fiber Optic + COAX transmission



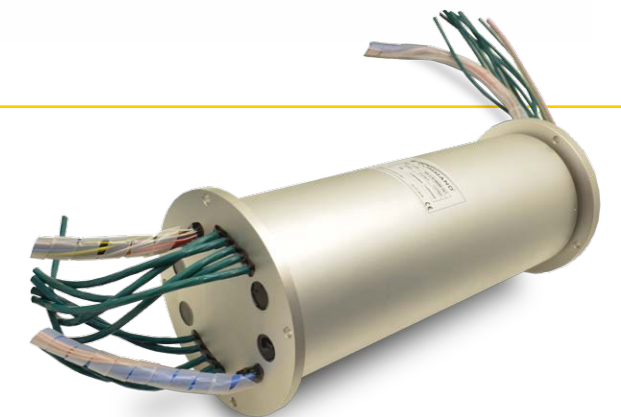
MINIATURE SLIP RING WITH CUSTOMIZED FLANGE

- 10 x 2A signal transmission
- Flange position and shape customized
- Cable color code according to customer requirement



LARGE METAL HOUSING WITH POWER / DATA TRANSMISSION

- Dimensions housing according to customer specification
- 86 Rings (63A, 32A, 16A, HD-SDI, EtherCat, Analogue)
- Special CAT7E data-cable with 10 meter length



MINIATURE SLIP RING WITH 128 RINGS

- Aluminium housing with rotor flange
- 128 signal rings for data transmission
- Protection degree IP65





SLIP RING WITH INTEGRATED CONNECTORS

- Customized fixation boreholes
- Customized connectors and cable with connectors
- Double anti-rotation-tab on stator side

MEDIUM SIZE HOLLOW-SHAFT SLIP RING WITH CONNECTORS

- 4 x customized connectors for signal transmission
- Aluminium housing with 150mm free inner diameter
- Housing without flange, axial cable outtakes



HYBRID MEDIUM SIZE SLIP RING WITH DOUBLE COAX LINE AND POWER TRANSMISSION

- Customized metal housing without flange
- 2 x COAX lines + several power rings
- Special cable protection sleeve and cable fixation

HYBRID MEDIUM SIZE SLIP RING WITH FIBER OPTIC AND POWER LINES

- Customized aluminium housing without flange
- FORJ Fiber Optic + power transmission
- Stainless steel rotor with cable protection sleeve



HYBRID MINIATURE SLIP RING FOR VIRTUAL REALITY APPLICATIONS

- Plastic housing with customized flange
- Power and data transmission by USB and HDMI
- Connectors on rotor and stator side for easy usage





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