



**PRODUCTS**

- Fiber Rotary Joints
- Electric Slip Rings
- Fiber Components
- Fiber Polishers
- Cable Reels

**SERVICES**

- Fiber Termination
- Outdoor Fiber Patchcords
- Laser Pigtailling
- Training

**SOLUTIONS**

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- RF Rotary Joints
- Fluid Rotary Unions
- Multiplexers
- Media Converters

 


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**SLIPRING: SR223 series (Matching FORJs: RPT & MJ2 series)**



Model SR223-08  
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SR223 series sliprings are designed to incorporate Princetel's **RPT series** and **MJ2 series** FORJs. This integrated device can be easily separated in the field for repair or maintenance. The picture on the left shows an 8-ring version with a singlemode single-channel (RPT) FORJ. Up to 40 rings can be accommodated in the design.

This rugged slip ring promises low maintenance and a very long life cycle (~30-100 million revolutions!). It is sealed from dust and occasional water splash. Suitable for shipboard environment and military applications. Pressure compensation for underwater application is available with this model. Larger current rating is possible for special applications. Please call for your special need.

**SPECIFICATIONS**

PARAMETERS	VALUES
Ring material	Coin silver
Brush material	Silver graphite
Spring material	Beryllium copper
Housing material	Stainless steel
Operating voltage	1,000 V(RMS)/2,000 V(optional)
Operating current	10 Amp/ring
Noise level	<5 uV
Leakage resistance	>10 G Ohms
Contact resistance	<500 milliohms (typical 50-100 milliohms)
R variation during rotation	<10 milliohms (typical 1 milliohm)
Wire gauge	18 AWG, 1 m (standard)
Connector type	Optional
Rotation speed	250 rpm
IP rating	IP 65
Working temperature	-40 to 65 C
Storage temperature	-50 to 85 C
Dimensions	60.3 mm (body dia.) x 71 mm (length varies)
Weight	~1 kg

**CREATE YOUR PART NUMBER**

SR223-n (n=number of rings in two digits minimum: 06=6 rings)

**DOCUMENTS DOWNLOAD**

- [Download mechanical drawing \(PDF 46 kB\)](#)
- [Download eDrawing \(Internet Explorer\)](#)
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