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609.588.8801 609.895.9552

SLIPRING: SR723 series (Matching FORJs: MJn & RJ2 series)

Model SR723-06

[CLICK for larger view](#)


Model SR723MJ4ST

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SR723 series sliprings are designed to incorporate Princetel's **MJn series** and **JXn series** FORJs. This integrated device can be easily separated in the field for repair or maintenance. The picture on the left shows a 6-ring version with a singlemode 3-channel (MJ3) 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 airborne applications such as aerostats (balloons or blimps). All electrical wires and fiber cables are terminated with standard connectors. A weatherproof utility box is attached to the rotor for convenient access to fiber connectors.

SPECIFICATIONS**PARAMETERS**

Ring material
 Brush material
 Spring material
 Housing material
 Operating voltage
 Operating current
 Noise level
 Leakage resistance
 Contact resistance
 R variation during rotation
 Wire gauge
 Connector type
 Rotation speed
 IP rating
 Working temperature
 Storage temperature
 Dimensions
 Weight

VALUES

Coin silver
 Silver graphite
 Beryllium copper
 Stainless steel
 2,000 V(RMS)
 14 Amp/ring
 <5 uV
 >10 G Ohms
 <500 milliohms (typical 50-100 milliohms)
 <10 milliohms (typical 1 milliohm)
 14 AWG, 0.5 m (standard)
 ST/rotor, FC/stator
 100 rpm
 IP 65
 -40 to 65 C
 -50 to 85 C
 120 mm (body dia.) x 431 mm (length varies)
 ~14 kg

CREATE YOUR PART NUMBER

SR723-n (n=number of rings in two digits minimum: 06=6 rings)

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