



PRODUCTS

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

SERVICES

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

SOLUTIONS

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

Search

Select Language ▼

Powered by [Google Translate](#)

609.588.8801 609.895.9552

SLIPRING: Model SRG12 (Matching FORJs: MJX series)



MDL SRG12MJX155-28
[CLICK for larger view](#)

Model SRG12 is a 12-circuit, low-cost, off-the-shelf, and "one-size-fits-all" slipring to most low-voltage applications, especially video cameras. It is designed to accept Princetel's **MJX series** FORJs. The compact integrated device is an ideal solution to modern industrial controls, sensors, robots, and medical equipments. The picture on the left shows the integration of SRG12 with a singlemode MJX series FORJ.

The mounting flange design is compatible with most third-party products where three mounting holes are used. So it can be a pop-in replacement. It also provides a more convenient mounting scheme with four mounting holes. Both the slipring and the matching FORJ can be shipped on short notice. Check out our **model SRF24 sliprings** for 24-circuit applications.

SPECIFICATIONS

PARAMETERS	VALUES
Ring contact material	Gold
Brush contact material	Gold
Number of rings	12
Housing material	Anodized aluminum
Operating voltage	240 V(RMS)
Operating current	2 A/circuit
Noise level	<100 milliohms@5 VDC
Leakage resistance	>1000 megaohms
Contact resistance	<100 milliohms (typical 50 milliohms)
R variation during rotation	<10 milliohms (typical 1 milliohm)
Wire gauge	28 AWG, copper w/silver plating, Teflon, 0.3 m
Start up torque	<0.01 Nm
Rotation speed	240 rpm
IP rating	NA (slipring)/IP 68 (FORJ)
Working temperature	-40 to 65 C
Storage temperature	-50 to 85 C
Dimensions	25mm (body dia.) x 39mm (body length) x 43mm (FD)
Weight	30 g
Estimated life cycle	>50 m revolutions/slipring; 200-400 million revolutions/FORJ

CREATE YOUR PART NUMBER

SRG12MJX- [wavelength code](#)- [fiber code](#)- [connector code](#)
 SRG12MJXA- [wavelength code](#)- [fiber code](#)- [connector code](#)

DOCUMENTS DOWNLOAD

- [Download mechanical drawing \(PDF 30 kB\)](#)
- [Download CAD drawing \(DWG\)](#)
- [Download 3-D model \(Solidworks\)](#)

Copyright Princetel, Inc. All rights reserved.

