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SLIPRING: Model SRF24 (Matching FORJs: MJX series)



MDL SRF24MJX155-28
*900um fiber jacket/rotor
 [CLICK for larger view](#)

Model SRF24 is a 24-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 SRF24 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 SRG12 sliprings](#) for 12-circuit applications.

SPECIFICATIONS

PARAMETERS	VALUES
Ring contact material	Gold
Brush contact material	Gold
Number of rings	24
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	22mm (body dia.) x 61mm (body length) x 43mm (FD)
Weight	50 g
Estimated life cycle	>50 m revolutions/slipring; 200-400 million revolutions/FORJ

CREATE YOUR PART NUMBER

SRF24MJX- [wavelength code](#)- [fiber code](#)- [connector code](#)
 SRF24MJXA- [wavelength code](#)- [fiber code](#)- [connector code](#)

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