

ADSR-JC-68 Miniature Slip Ring Capsule

Features:

- 68 ways 2A
- 22mm diameter and 74mm length
- Up to 300 rpm operation
- Max 20mΩ electrical noise
- 10 Million revolutions lifetime
- Precise, tight packaging capabilities for meeting stringent design criteria
- High reliability, meets military shock and vibration requirements



Typical Applications:

- Gimballed pitch, roll and yaw axes of inertial navigation systems
- Airborne camera platforms
- Unmanned aerial vehicles(UAV)

Specification

Electrical		Material	
Circuits	68	Contact Material	Gold on gold
Rating Voltage / Current	48VDC / 2A	Lead Wires	450mm AWG #28 wires
Insulation Resistance	$\geq 250\text{M}\Omega / 500\text{VDC}$	Housing	aluminium alloy
Electric Noise	$\leq 20\text{m}\Omega$	Environmental	
Dielectric Strength	200VAC / 50Hz / 60s	Working Temperature	-40 °C ~ +80°C
Mechanical		Storage Temperature	-45 °C ~ +85°C
Operating Speed	300 rpm	Humidity	95% RH
Torque	<0.2 N.cm	Protection	IP54
Life	10 Million revolutions		

ADSR-JC-68 Dimensions

