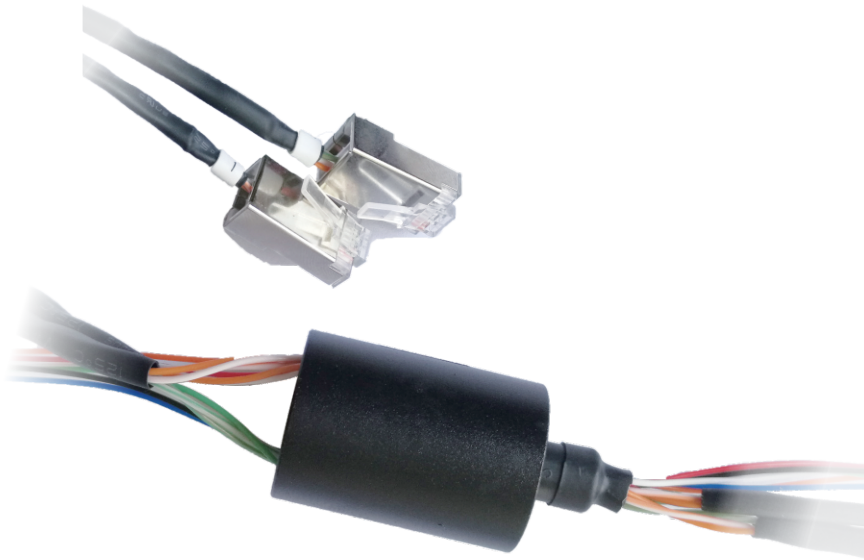


Ethernet Slip Rings



Ethernet slip rings are to provide Ethernet communication in combination with power or data connections from a stationary part to a rotating part. AOOD developed a series of standard capsule Ethernet slip rings and through bore Ethernet slip rings based on our capsule and through bore slip rings. Utilizing high performance fiber brush contact technology and innovative processing, these Ethernet slip rings are able to provide reliable Gigabit Ethernet, video over Ethernet and high speed data transmission. Feature low electrical noise, steady transmission and long lifespan.

Features

- Compliant with 100 BaseT Ethernet and Gigabit Ethernet
- RJ45 connector for direct plug-and-play standard
- Available with multiple Ethernet channel, power and signal combinations
- Support multiple other data protocols

Advantages

- Plug-and-play Ethernet
- An extensive range of existing capsule and through bore types solutions optional
- Low electrical noise and reliable transmission
- Long lifetime and maintenance-free

Typical Applications

- CCTV IP-surveillance
- Video over Ethernet
- Motor control
- Pan / tilt video camera heads
- Rotating high definition video displays
- POE(Power-Over-Ethernet)
- Camera jibs

Specification

Electrical	
Voltage	240VAC
Rating Current	2A
Insulation Resistance	500MΩ@ 500VDC
Electric Noise	20mΩ max
Dielectric Strength	500VAC @ 50Hz
Mechanical	
Operating Speed	300 rpm
Torque	<0.01 N*M
Life	10,000,000 revolutions
Material	
Contact Material	Gold on gold
Lead Wires	Teflon wires, CAT6E cable
Housing	Plastic or Al alloy

Environmental	
Working Temperature	-40°C~ +80°C
Storage Temperature	-45°C~ +85°C
Vibration	MIL-STD-810G
Shock	MIL-STD-810G
Humidity	95±3% (30°C+5°C)
Protection	IP54

- Options**
- High current or more circuits
 - Flange/ no flange
 - Lead wires length
 - Higher protection

Model	Circuits(2A)	Ethernet (1000 Base T)	Length "L"
ADC22-06-E	6	8	35.1mm
ADC22-12-E	12	8	35.1mm
ADC22-16-E	16	8	35.1mm

► PSR-C

