

ACN022-01S

Capsule slip ring

This series slip rings can be used in any electromechanical system that requires unrestrained, continuous rotation while transferring power or data from a stationary to a rotating structure. It is also called a rotary electrical interface, commutator, collector, swivel or an electrical rotary joint. ACN022-01S is a capsule slip ring with DP connector, it's used for display port, same as HD-SDI, USB, HDMI. ACN series have compact inner structure and stable transmission. Ring number are range from 2 rings up to 100 rings. Power and signal are easily to be integrated into one slip rings under our years of proven technique. Typical outside diameter is 5.5mm, 12.4mm, 22mm in these series.

Advantages


- ◆ Small size
- ◆ Compact design
- ◆ With DP cable
- ◆ Smooth rotation

Applications

- ◆ Surveillance
- ◆ Mechanical arm
- ◆ Display equipment
- ◆ Radar antenna

Optional

- ◆ Cable length
- ◆ Current & ring numbers
- ◆ Signal type
- ◆ IP protection grade

ACN022-01S	Specification	Picture
Circuits & Current	1*DP cable	
Voltage	0~400VAC/VDC	
Dielectric strength	≥100V@50Hz (signal)	
Insulation resistance	≥10MΩ@100VDC (signal)	
Operating speed	0-100 rpm	
Contact material	Precious metal	
Housing material	Engineering plastics	
Connector	DP female connector	
Out diameter	22 mm	
Working temperature	-20° C ~ +60° C	

Outline Drawing

