

PSCN046-02P1

Pancake slip ring

This slip ring units are based on a disc shaped rotor, which is embedded with concentric grooves to carry the signal and power, with a brush block assembly mounted over the top to act as the stator. The pancake slip rings are specifically limited in the height direction of rotation system. We can customize this type of slip ring from 4 to 50 channels, with different inner center bore size. Contacts use precious metals and operating speed depends on the number of channels and overall size of slip ring. PSCN046-02P1 with inner bore size 46mm, with separate PCB type, thickness 6mm.

Features


- ◆ Flexible installation
- ◆ Smooth rotation
- ◆ Low torque
- ◆ Compact size

Applications

- ◆ Medical equipment
- ◆ Radar antennas
- ◆ Rotary lamp box
- ◆ Wrapping machinery

Optional

- ◆ Through hole size
- ◆ Current & ring numbers
- ◆ Signal type
- ◆ IP protection grade

PSCN046-02P1	Specification	Picture
Circuits number	2	
Current rating	5A	
Inner bore size	46 mm	
Voltage	380VAC/VDC	
Thickness	6 mm	
Electrical noise	30 milliohms max	
Operating speed	0-100 rpm	
Contact material	Precious metal	
Housing material	Aluminum alloy	
IP grade	IP54	
Working temperature	-20°C ~ +60°C	

Outline Drawing:

