

ECN000-01S

RF Rotary Joint

It's a solid RF Coaxial rotary joint, also named high frequency rotary joint, wave guide rotary joint. The channel coaxial rotary joint is conducive to reducing the size of the structure and processing, and is conducive to stable rotation. It meets the microwave transmission in a wide frequency band with excellent performance indicators, including the rotating section and the fixed end. RF rotary joint with compact size, and stable rotating performance with RG 178 coaxial cable and aluminium housing. Typical application including radar antennas, research & development, telecommunication networks, military industry.

Features


- ◆ Anti-interference ability
- ◆ Compact structure
- ◆ With SMA connector
- ◆ 1 channel coaxial cable

Applications

- ◆ High definition network
- ◆ Satellite communication
- ◆ Military industry
- ◆ Radar antennas

Optional

- ◆ Circuits number
- ◆ Frequency range
- ◆ Interface type
- ◆ IP protection grade

ECN000-01S	Specification	Picture
Circuits	1*RG178 coax cable	
Voltage	240VAC	
Electrical noise	≤70mΩ(50rpm)	
Dielectric strength	≥500V@50Hz	
Insulation resistance	≥100MΩ@100VDC	
Operating speed	0~500 rpm	
Contact material	Precious metal	
Housing material	Aluminium alloy	
IP protection grade	IP54	
Interface type	SMA connector	
Frequency range	100M	
Insertion loss	<1dB	
VSWR	<1.5	

Outline Drawing

