

## FCN0204G-67R

## Fiber optic rotary joint

Fiber optic rotary joint, also known as fiber optic slip ring, fiber optic rotary connector, optical hinges, etc. This slip ring adopts optical fiber as media for transmitting data, provide the best technical solution for elements of system to transmit data when rotating. It is especially suitable for equipments that require unlimited, continuous or intermittent rotation and transmit large capacity of data and signals from stationary position to rotary position, optical fiber joint include sigell-mode and multimode with diverious channel from signal channel to dozens of channel, also can integrated power & other signals. This kind of integrated slipping gets well performance and various function, then it is widely used in option electric crane.

### Features

- ◆ Working speed 300 rpm
- ◆ Long lifetime
- ◆ Smooth rotation, low torque
- ◆ Stable transmission

### Applications

- ◆ Military applications
- ◆ Radar antennas
- ◆ Offshore applications
- ◆ Harsh environments

### Optional

- ◆ Channel number
- ◆ IP protection grade
- ◆ Fiber optic type
- ◆ Signal type & current rating

FCN0204G-67R	Specification	Picture
Fiber channel	2-6 channels optional	
Wavelength	850nm -1550nm (SM/MM)	
Insertion loss	<3.5dB	
Insertion loss fluctuation	< 1.5dB	
Pulling force	≤12N	
Operating speed	0-300 rpm	
Return loss	≥40dB	
Weight	1400 g	
Housing material	Stainless steel	
IP grade	IP54	
Vibration shock standard	GJB150	
Connector	ST,FC,SC	

### Outline Drawing

