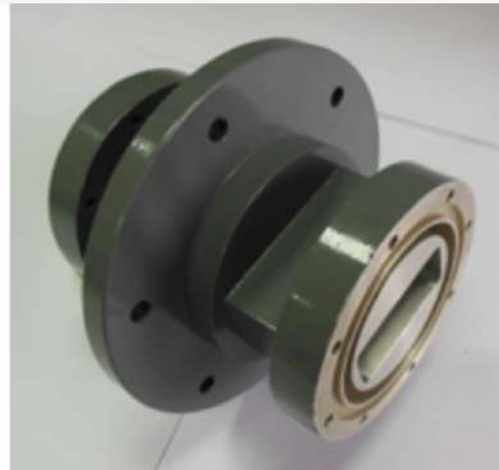


# SUPARCO BUSINESS SOLUTIONS

## C-Band Rotary Joint

### Technical Specifications

- ⚙️ **Operating Frequency: 5.4-5.9 GHz 1 dB**
- ⚙️ **VSWR: 1:1.15**
- ⚙️ **VSWR WOW: 0.1**
- ⚙️ **Pass band Insertions Loss: 0.15 dB**
- ⚙️ **Peak Power: 1 MW**
- ⚙️ **Average Power: 5 kW**
- ⚙️ **Pressure Rating: 2bar**
- ⚙️ **Waveguide: WR-187**
- ⚙️ **Interface: CAR-48 Round Choke Flange**
- ⚙️ **Interface Orientation: I-style**
- ⚙️ **Material: Aluminum Alloy**
- ⚙️ **Temperature: -10 to +50 °C**



### Product Description

- ★ **Rotary Joint interfaces rotating antenna and stationary RF platform.**
- ★ **Developed in waveguide technology and mechanical seals are employed to reduce the air leakage.**
- ★ **Provided low loss, high power handling and pressurization**
- ★ **Capable of handling of 1MW peak power and 5 kW of average RF power.**
- ★ **Frequency can be customized according to user requirements.**
- ★ **Designed according to mil. standards**

**For more  
information**

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