



SciTrue

SciTrue – – An Expert of Slip Ring

RF Rotary Joint

Description

▲ RF rotary joints are used to transmit RF signals between two counter rotating platforms .

Widely used in military, aerospace and commercial applications, The common application is in rotating antenna of radar

▲ Transmission of high power RF waveguide signals.



Features

- ◆ Low standing wave, low loss, long life, good stability;
- ◆ With contact type and non - contact structure type.
- ◆ Frequency band ranges from DC to 50GHz.

Typic Application

- ◆ Antenna
- ◆ Radar
- ◆ Medical Equipment



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Operating Parameters

	Standard	Special
Enclosure	IP40	IP65
Operating Temperature	-40~°C+80°C	/
Operating Humidity	>95%	100%
Rotary Speed	≤60rpm	≤200rpm
Ch Number	≤3	6

The detail parameters of insertion loss, VSWR, phase change and transmission power would have some variation based on different frequency band