

**Part No: RJ2-1818-02**

**Channel 1:DC-18 GHz, Channel 2:DC-18GHz,SMA Female, Twp Channel Rotary Joint**

**ELECTRICAL:**

	Channel 1	Channel 2
Frequency	DC-18GHz	DC-18GHz
Insertion Loss	≤0.4dB@8GHz ≤1dB@18GHz	≤0.75dB@4GHz ≤1.5dB@8GHz ≤2.5dB@12GHz ≤3.0dB@18GHz
Insertion Loss WOW	≤0.05dB	≤0.1dB@4GHz ≤1.5dB@18GHz
VSWR	1.35:1@8GHz 1.75:1@18GHz	≤2.0:1@4GHz ≤3.0:1@8GHz ≤3.5@12GHz ≤4.5@18GHz
VSWR WOW	0.05	≤0.1@4GHz ≤2.0@18GHz
Power	50 W CW @1GHz 2KW Peak	
Isolation	≥50dB	



**MECHANICAL :**

Rotational Speed : 200rpm (Typ)  
500rpm (Max)  
Torque: ≤ 15 OZ-IN  
Material: Stainless Steel  
Temperature Range: -40° C - +70° C  
Connectors: SMA Female  
Relative Humidity: 0 ~ 90%

**Outline Drawing:**

Unit: mm

