

## Optogenetics Rotary Joint

Optogenetics Rotary Joint is special designed for optogenetics application, rotary joint allows patch cords to rotate freely when connected to moving samples, which can reduce the risk of fiber damage, the configuration is 1x1, it features good air tightness and high reliability.

### Application:

optogenetics System  
Fiber Optic Sensor  
Testing System  
Lab & Research

### Features:

Low Insertion Loss  
Good Air Tightness  
High Rotating Speed  
High Reliability

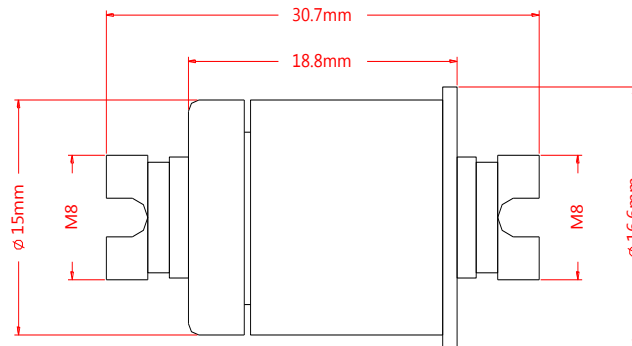


### Optical Specification:

Parameter	Symbol	Value	Unit
Center Wavelength	$\lambda$	400-2000	nm
Typ. Insertion Loss	IL	0.8	dB
Max. Insertion Loss	IL	1.0	dB
Max. Rotating Speed		200	rpm
Min. Rotating Times		$3 \times 10^9$	Times
Match Fiber Type		105/125 0.22NA, 200/230 0.37NA, 400/430 0.37NA MM fiber	-
Tensile Load		5	N
Max. Optical Power	P	5	W
Operating Temperature	T	-10~60	°C
Storage Temperature	T	-40~85	°C

Notice: Above specifications are tested at center wavelength in room temperature @23°C.

### Drawing:



### Ordering Information (Part Number):

OGRJ- <b>WWW</b> - <b>CC</b> - <b>CC</b>		
<b>WWW</b>	<b>CC</b>	<b>CC</b>
Wavelength	Configuration	Connector
593 - 593nm 650 - 650nm 850 - 850nm SSS - Specify	11 - 1x1	FC - FC/PC SS - Specify