



Rotary Joint Patch Cable

ROTARY JOINT PATCH CABLE

The rotary joint patch cable is designed for rotary use of fiber patch cable, reducing the risk of fiber damage. The rotary joint is precision machined to ensure successive and smooth rotation and low laser power variations. It has been widely used in studying freely moving animals in optogenetic or biomedical research.



SPECIFICATIONS

Wavelength(nm)	400-2200
Connector	FC、SMA905
Fiber Core Size(μm)	100-800
Fiber NA	0.22、0.37、0.39
Ferrule End(mm)	Φ1.25、Φ2.5
Transmission	>60%
Variation During Rotation	<10%
Fiber Length(m)	1-5, others on request
Maximum Rotary Speed(rpm)	200
Package Material	Stainless Steel
Maximum Laser Power(mW)	<500
Operating Temperature(°C)	-20~80
Storage Temperature(°C)	-40~80
Weight(kg)	0.03

