

Fiber Optic Rotary Joint LPFO-02A

Specification

Model No. LPFO-02A

Wavelength	1270-1610 nm for SM; 850 and 1310 nm for MM
Insertion loss	<5 dB (typical: 2-3 dB)
Insertion loss ripple	~±0.5 to 1 dB
Return loss (SM)	>45 dB
Crosstalk	>50 dB (typical: 63 dB)
Chromatic dispersion	<0.01 ps/nm
Polarization mode dispersion	<0.01 ps
Maximum speed	200 rpm
Pulling strength	10 N
Start up torque	<1 Nm
Estimated life cycle	100-200 million revolutions
Optical power handling	23 dBm
Working temperature	-20 to 65 C
Storage temperature	-25 to 75 C
Package style	Pigtails or receptacles (FC or ST; up to 3 channels)
Housing material	Stainless steel
Fiber types	SM or MM w/3 mm jacket (Kevlar/PVC or armor)
Connector types	FC, SC, ST, SMA, LC or /APCs
Dimensions	44 mm dia. x 136 mm length
Weight	~1.5 kg
IP rating	Up to IP 65

Outline drawing

