LUXA

Single-Channel Fiber Optic Rotary Joint

Optical and Electrical Rotary Joints

A single optical channel passes through a rotating interface. Match the rotary joint to the fiber type and wavelength on both sides of the assembly.



Technical specifications

Fiber type	9/125 μm (Single-mode SM), 50/125 μm (Multimode MM), 62.5/125 μm (Multimode MM)
Operating wavelength (nm)	1310/1550 (Single-mode SM), 850/1310 (Multimode MM)
Insertion loss (dB)	≤3
Return loss (dB)	≥40 (Single-mode SM)
Maximum Optical power (dBm)	≤23
Number of channels	1
Outside diameter (mm)	Φ6.8
Operating speed (RPM)	0 to 500