Multichannel Fiber Optic Rotary Joint

Optical and Electrical Rotary Joints

This fiber optic rotary joint carries multiple optical channels across a rotating interface. Specify the channel configuration, fiber type and operating wavelengths.



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)
Bandwidth	±50 nm
Insertion loss IL (dB)	≤4
Loss variation (dB)	≤2
Return loss RL (dB)	≥40 (Multimode SM)
Power handling (dBm)	≤23
Outside diameter (mm)	Φ20