

**Single Channel Fiber Optic
Rotary Joint
CK-2000**



- Singlemode or Multimode option
- Less than 3dB Loss
- Ruggedized Stainless Steel
- Up to 60 RPMs
- Extended Temperature Range



The Prizm CK2000 fiber optic rotary joint answers the need for a rugged, splash proof and dust proof, off-the-shelf product using proven high-reliability components. The small size allows for easy insertion directly into a small winch or cable payout system and allows for continuous fiber optic communications during the entire operation. The unit is ideal for small remote vehicles where size and performance is critical and fiber is required for secure, high-reliability communications.

SPECIFICATIONS:

Optical Passes:	One Singlemode or Multimode
Insertion Loss:	3.0 dB Maximum
Rotational Variation:	1.0 dB Maximum
Back Reflections:	-25 dB Minimum
Wavelengths:	1300 to 1610 nm
Connectors:	ST (Note 1)
Fiber Pigtail Length:	1 meter (Note 1)
Rotational Speed:	60 RPM Maximum
Size:	Body: 1.25" diameter 3.15 " length
	Mounting
	Ring: 1.525" diameter
Weight:	16 ounces Maximum
MTBF:	over 100 Million Revolutions

NOTE 1: Other options are available, please contact factory.

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