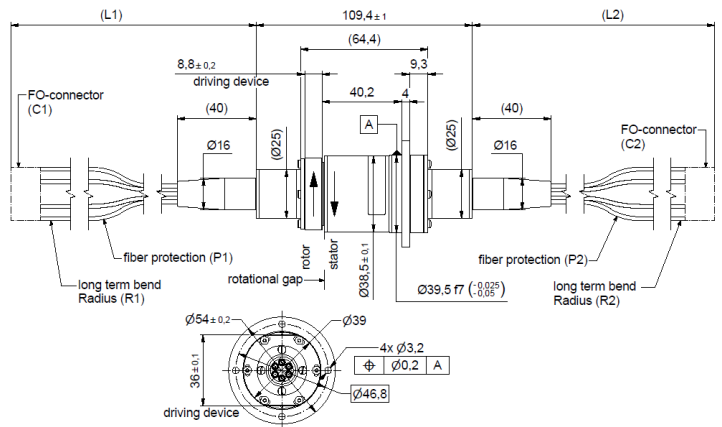


Rotary Joint || BN 549599C0601



image similar



all dimensions in millimeter

Fiber optic channel characteristics

Channels	6 CH	
Channel designation	1 to 6	
Fiber type	SMF-28e Ultra	
Side	Rotor	Stator
FO connector (C1 / C2)	LC/APC	LC/APC
Fiber protection (P1 / P2)	cable 2 mm	cable 2 mm
Fiber length (L1 / L2)	1500 ±150 mm	1500 ±150 mm
Long term bend radius, min. (R1 / R2)	20 mm	20 mm
Wavelength	1310/1550 nm	
Average power capability, max.	200 mW / 23 dBm	
Return loss, min.	50 dB	
Insertion loss, max.	3.5 dB	
Insertion loss variation over rotation, max.	1.5 dB	
Cross talk, min.	50 dB (between all channels)	

This document is proprietary to us. All rights reserved. Any use, transfer, or reproduction of this document or the know-how contained therein requires our express consent.

SPINNER GmbH
 Template TD-00002U

Rotary Joint || BN 549599C0601

Mechanical characteristics

Rotating speed, max.	300 rpm
Life, min.	200 Mio. revolutions
Torque (room temperature), max.	0.15 Nm @ rotation
Interface loads, max.	±0.4 Nm bending moment
Case material	stainless steel, copper alloy, corrosion resistant
Case surface finish	no finish
IP protection level	IP54 per EN 60529 (all interfaces connected with appropriate gaskets)
Weight, approx.	0.9 kg
Marking	adhesive label (SPINNER logo)

Environmental conditions

Operation	
Ambient temperature range	-40 °C to +85 °C
Relative humidity, max.	95% (non-condensing)
Storage	
Ambient temperature range	-55 °C to +85 °C
Relative humidity, max.	95% (non-condensing)

Applicable documents

Technical information	“Rotary Joints – Glossary”, Technical Document TD-00021, Spinner GmbH
-----------------------	---

This document is proprietary to us. All rights reserved. Any use, transfer, or reproduction of this document or the know-how contained therein requires our express consent.

Template TD-00002U