3G HD-SDI, 4K and 8K Ultra HD Television

SPINNER Rotating Solutions for Camera Applications

HIGH FREQUENCY PERFORMANCE WORLDWIDE
www.spinner-group.com
SPINNER Rotating Solutions for Camera Applications

Designed to Save Space: Ideal for Use in Rotating Camera Applications

SPINNER's miniature slip ring/fiber optic rotary joint (FORJ) combinations with diameters as small as 22 mm enable interference-free video data transmission in 4K and 8K quality, also with fast-moving images. SPINNER has developed a globally unique solution and implemented it in the SPINNER type 1.14L. It is a robust, easy-to-use rotary joint for single-mode and multi-mode fibers.

Its main advantage over conventional rotary joints is an L-shaped (90°) fiber exit on the stator, which makes it highly space-saving. This design is ideal for use in camera systems, e.g. in drones and cable suspended camera systems in conjunction with small, compact slip rings for power supply.

Single-Channel Fiber Optic Solution

Applications
• Studio and outdoor use

Technical Details
• L-type FORJ with 1 channel single-mode or multi-mode
• 17 electrical signal paths
• Small diameter

Single-Channel Fiber Optic Solution – High Power

Applications
• Airborne, studio and outdoor use

Technical Details
• L-type FORJ with single-channel fiber optics
• Electrical high power - 8 signal paths
SPINNER Rotating Solutions for Camera Applications

Dual-Channel Fiber Optic Solution – High Power

Applications
• High power
• Airborne, studio and outdoor use

Technical Details
• 2 channels, single mode or multi-mode
• High power - 8 electrical signal paths

Dual-Channel BNC Rotary Joint

Applications
• Helicopter/airborne or outdoor use

Technical Details
• 2 channels with BNC connectors
• 8 signal paths

Applicable Standards

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<td>SD-SDI, 360 MBit/s</td>
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HIGH FREQUENCY PERFORMANCE WORLDWIDE

SPINNER designs and builds cutting-edge radio frequency systems, setting performance and longevity standards for others to follow. The company’s track record of innovation dates back to 1946, and many of today’s mainstream products are rooted in SPINNER inventions. Industry leaders continue to count on SPINNER’s engineering excellence to drive down their costs of service and ownership with premium-quality, off-the-shelf products and custom solutions. Headquartered in Munich, Germany, the global frontrunner in RF components remains the first choice in simple-yet-smart RF solutions.

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