



MULTIPURPOSE SLIP RING

DESCRIPTION

It is designed to provide a solution for the electro-optical systems demanding high frequency video and communication channels.

This is a new generation slip ring that will meet almost all requirements of state of the art military and professional electro-optical systems with the ability of carrying high frequency digital video signals like HD-SDI, as well as high frequency serial communication signals like Gbit ethernet. It also have general purpose analog, digital and power channels for analog video, RS422, 10/100Mbit ethernet, power and other discrete signals.

TECHNICAL SPECIFICATIONS

Video Signals

- 2 channels SD-SDI/HD-SDI
- I/O Interface: 2 each SMA connectors
- Insertion Loss \leq 0.5 dB

Serial Communication

- 1 channel Gbit Ethernet (4 shielded pair)
- 10/100Mbit (as required from 22 ring)
- RS422, RS232 (as required from 22 ring)

Power and General Purpose Split Line

- Current carrying capacity: 2 Ampere
- Contact Resistance \leq 10m Ω rms
- Insulation Resistance \geq 500M Ω

Steel Ball Bearing

Aluminum Body

Protection Grade: IP65 (Optional)