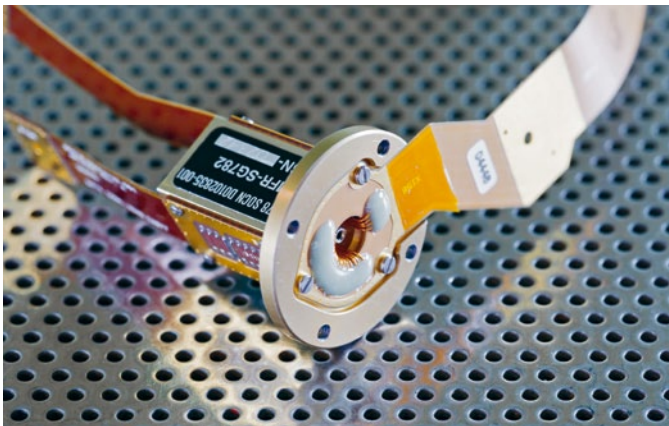


Slip Ring for Inertial Guidance

Slip ring capsule designed to assure 100% performance after long storage periods. With a compact envelope and minimized weight RUAG miniature slip rings have been performing reliably during the last 10 years.

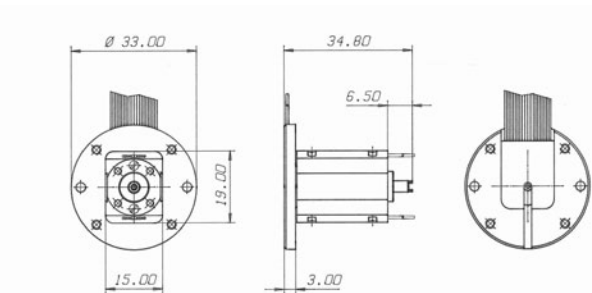


Benefits

- Precise and compact design
- Solid gold tracks and contact wires to assure the operation of the mechanism even after long storage periods
- Product already tested in battlefield
- Flex print adaptation possible

Key Features

- High speed communication protocols (Gigabit Ethernet, HD SDI, Rocket I/O, SVDI, RS-422, etc)
- Gold on gold contact
- Very high track density
- Naval, airborne and ground applications
- Mil-Std compliant
- High reliability after long storage periods



Inertial guidance systems installed in very expensive missiles must work even after a long time on storage. RUAG Space slip rings are designed and manufactured with the highest quality assuring a high reliability of the system in every environmental condition.

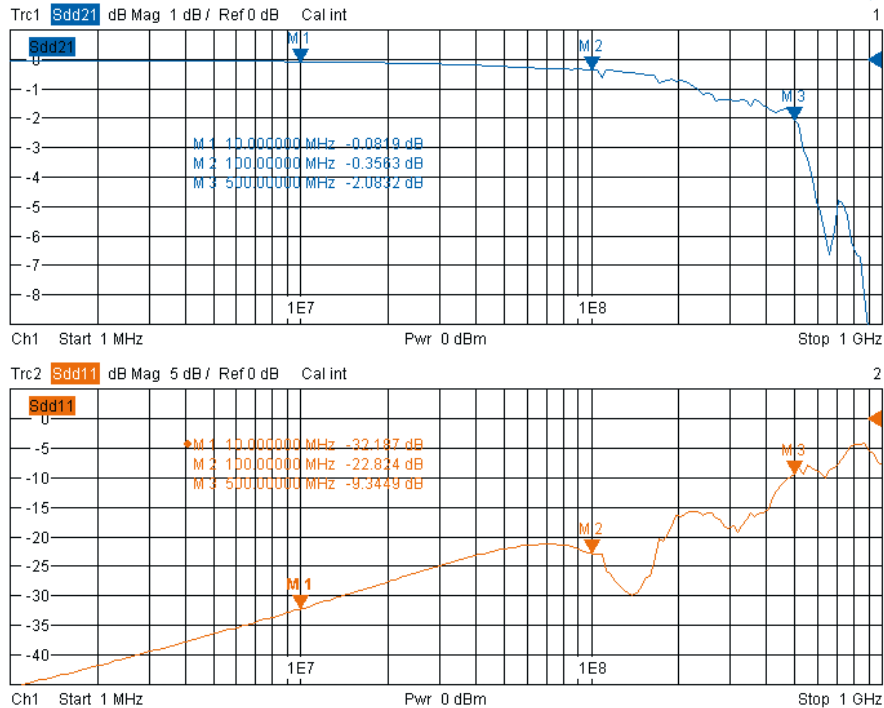
Technical Data

Number of rings	Total 20
4 rings	2 A, 50 V
16 rings	750 mA, 15 V
Weight	24.3 g
Operating speed	0-450 rpm
Max. ambient temperature	125 °C

Application

Most infrared guided missiles have their seekers mounted on a gimbal. This allows the sensor to be pointed at the target when the missile is not. This is important for two reasons: First, to point the seeker at the target before and during launch and second, after launch, to allow the seeker to point at the target even if the missile is pointing into another direction.

Typical electrical performance



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