

Single Axis Fiber Optic Gyroscope for Space Grade

SAG-SS

The SAG-SS is a high performance space-grade Fiber Optic Gyroscope with one axis satellite measurement of the rotation with a very high reliability level. One box includes one gyro composed of interferometer, and its relevant electronics. The SAG-SS is designed to operate with the worst radiation environment. The SAG-SS uses low power consumption requiring single voltage at 5V and is fully compliant to MIL-STD-461E.

SAG



Key Specification

- 1 axis Fiber Optic Gyroscopes
- Bias Repeatability : 0.1°/hr
- Bias Stability : 0.02 °/h (1,000 sec)
- Angle Random Walk : 0.005°√hr
- Scale Factor Accuracy : 500 ppm
- Operating Voltage : 5 V (1A)
- Interface : RS422
- Weight : 1.0 kg
- EMC : MIL-STD-461E