

Single **Axis** Fiber Optic Gyroscope for Space Grade

SAG-55

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-461 E.




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

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