

Single Axis Fiber Optic Gyroscope for Space Grade

FG 210S

The FG 210S 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 FG 210S is designed to operate with the worst radiation environment. The FG 210S uses low power consumption requiring single voltage at 5 V and is fully compliant to MIL-STD-461E.



Key Specification

- 1 Axis Fiber Optic Gyroscope
- 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 (1 A)
- Interface : RS-422
- Weight : 1.0 kg
- EMC : MIL-STD-461E