



OPTICAL FIBER, CABLE, MODULES



Optical Fiber and Cable Solutions for
**AEROSPACE & DEFENSE
APPLICATIONS**

With more than 30 years of experience manufacturing fiber optic products for the aerospace and defense markets, OFS is proud to offer a wide range of specialty solutions that meet stringent industry standards. We work to help ensure optimal quality, reliability, and safety to streamline and facilitate complex, sensitive operations.

Optical Fiber and Cable Solutions

for Aerospace & Defense



Flight Communication for Commercial and Defense Aircraft

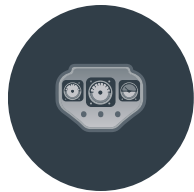
OFS offers fiber optic cable solutions for optimal performance in challenging conditions. High reliability, long lifetime, high strength, light weight, and wide temperature ranges.

CABLE PRODUCTS:

FlightLinx®	Avioptics®
FlightLinx® PLUS	µlinx® Tether
FlightGuide®	µlinx® Avionics

APPLICATIONS:

- In-flight Entertainment Systems
- In-flight Networking Systems
- Display Systems
- Data Transmission
- Communication Systems
- High-temperature Environments
- Corrosive Chemical Environments
- Unmanned Vehicles
- Manned and Unmanned Avionics



Navigation

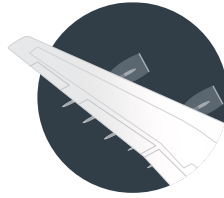
Fiber optic gyroscopes (FOGs) are critical tools in many different platforms; aircrafts, missiles, unmanned aerial vehicles (UAVs), and ground vehicles all require advanced optical fiber navigation technology to ensure reliability and safety. OFS manufactures an array of products for such applications.

FIBER PRODUCTS:

- GyroSil® PM
- GyroSil Rad-Hard PM
- Erbium-Doped

APPLICATIONS:

- Fiber Optic Gyroscopes



Sensing for Structural Health Monitoring

OFS has capabilities to design and manufacture high-end solutions for challenging applications such as optical fiber sensors for harsh environments.



APPLICATIONS:

Composite Structures (Aircraft Wings)

PRODUCTS:

Shape Sensor Modules
Fiber Bragg Gratings



Directed Energy and LIDAR (Light Detection and Ranging)

OFS offers a broad line of high-performance fiber laser components such as all-fiber combiners, gain modules, and cavities for high-power lasers and amplifiers.

PRODUCTS:

CoolMode™ Pump Combiners
CoolMode Pump Signal Combiners
DirectAMP™ Fiber Amplifiers
VLMA Er Amplifier
Raman Fiber Laser Module

APPLICATIONS:

Directed Energy
Free space communications
LIDAR



For additional information please contact your sales representative.

You can also visit our website at www.ofsoptics.com
or call 1-888-FIBER-HELP (1-888-342-3743) from inside the USA
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