



Introducing GIGAFLIGHT

2026



Since 2017

- 500+ repeat global customers
- Named one of Wisconsin's fastest-growing private companies
- 30% revenue growth FY25
- AS9100 & ISO 9001 Certified
- FAA PMA Approved Facility
- 24/7 AOG & technical support: aog@gigaflightinc.com
- CMMC 2.0 Level 2, DFARS 252.204-7012, NIST SP 800-171, & ITAR Compliant
- Veteran Owned Small Business



GIGAFLIGHT Markets

- Corporate & General Aviation
- Military Aerospace
- Military Non-aerospace
- Commercial Aircraft
- Transportation
- Marine
- Motorsport



MILITARY AIRCRAFT

(UAV)

Helicopters, Fighter Jets

Transport Aircraft, Training

Satellites



APPLICATIONS

Communications / SATCOM

TCAS Collision Avoidance

Navigation

Cockpit Instrumentation

Broadband Networks

MILITARY NON-AEROSPACE

Tanks

Troop Carriers

MRAP ATV

Shipboard



APPLICATIONS

SATCOM / Communications

Command & Control

Broadband Networks

GIGAFLIGHT Products



Electronic Cables, Connectors and Cable Assemblies for Military, Civil, Avionics, Aerospace & all demanding Applications



GIGABite™

Data cables & connectors



GIGALite™

RF cables & connectors



GIGAVideo™

Video cables & connectors



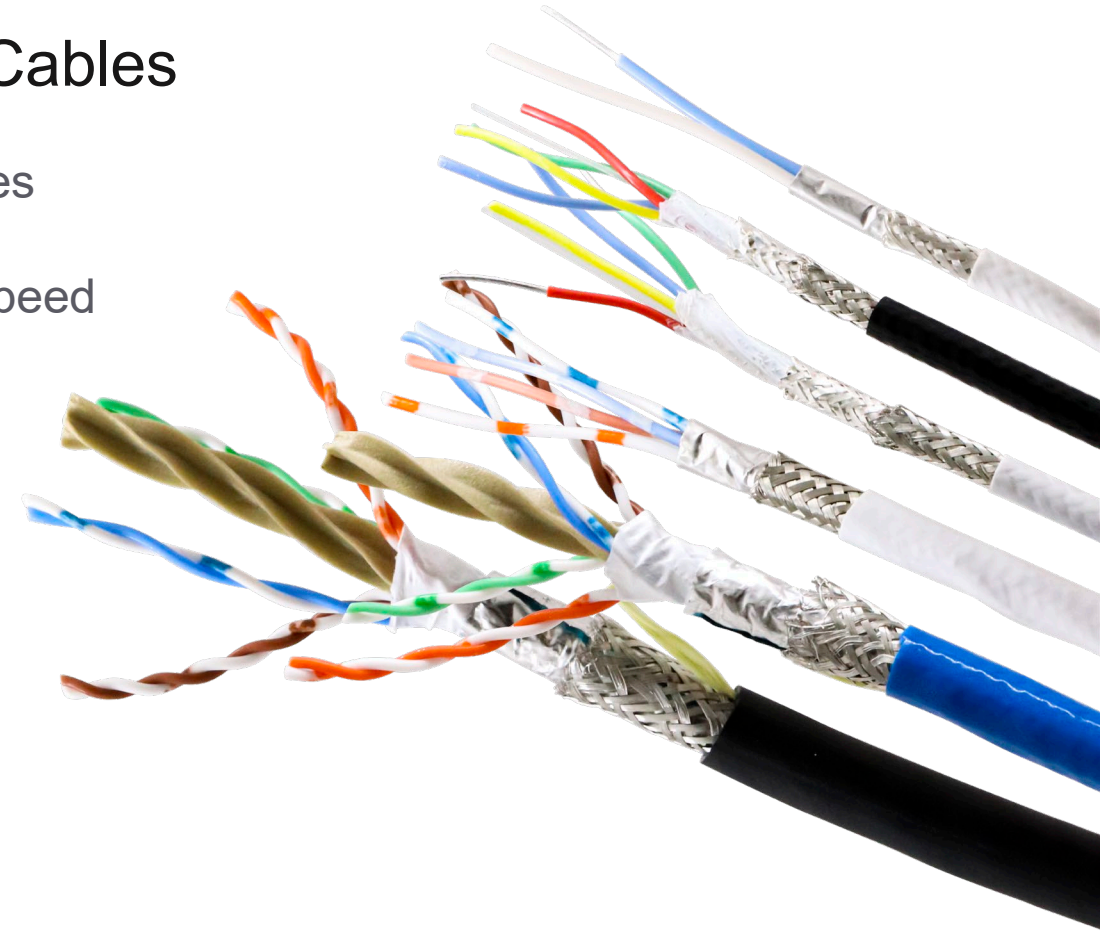
GIGACore™

Composite cables

GIGABite™ – High Speed Data & Ethernet Cables

Our GIGABite range offers a variety of shielded Ethernet cables (1, 2, 4 pair, and Quadrax 100 Ω) designed for demanding applications. These lightweight, low-loss cables handle high-speed data, up to 10G, while remaining flexible, high-temperature resistant, and laser-markable for easy identification. Jacket color options available upon request.

- Ethernet Comms Backbone
- Avionics Networks
- Cabin Management
- IFE
- Ground Vehicle Bus
- CAT6a 10Gbs Ethernet
- ARINC 429, ARINC 664
- MIL-STD-1553 Data Bus
- Garmin-approved CAN-Bus
- Quadrax
- USB 2
- Garmin HSDB



GIGALite™ – 50 Ohm RF Coax Cables

Our GIGALite line offers a comprehensive selection of 50Ω RF Coax and Triax cables and cable assemblies specifically designed for the demands of avionics and aerospace systems.

- Lightweight, flexible, low loss, high-temperature cables
- Excellent protection against EMI
- Skydrol resistant, will meet requirements of RoHS & REACH, meets FAA flammability requirements of FAR
- Laser markable and available in multiple jacket colors for easy identification
- Ideal for:
 - Military, Aerospace, and other harsh environments
 - Communications, TCAS & Navigation, SATCOM, Cellular, GPS, Marker Beacon, Mode S, ADS-B



GIGAVideo™ – 75 Ohm Coax & Triax Cables

GIGAVideo offers a range of 75-ohm & HDMI video cables designed specifically for aircraft applications. These lightweight and flexible cables ensure low-loss transmission for flawless video quality.

- Lightweight, flexible, low loss, high-temperature coax & triax cables
- Superior EMI Shielding
- Skydrol resistant, will meet requirements of RoHS & REACH, meets FAA flammability requirements of FAR
- Laser markable and available in multiple jacket colors for easy identification
- Ideal for:
 - Corporate, civil, and military avionics systems
 - IFE, Cockpit displays, surveillance/cabin security cameras, RS170 video, SMPTE 292M/424M video, Blu-Ray, & High-Definition video



Cable & Connector Cross Reference



Industry Expertise with Proven Solutions:

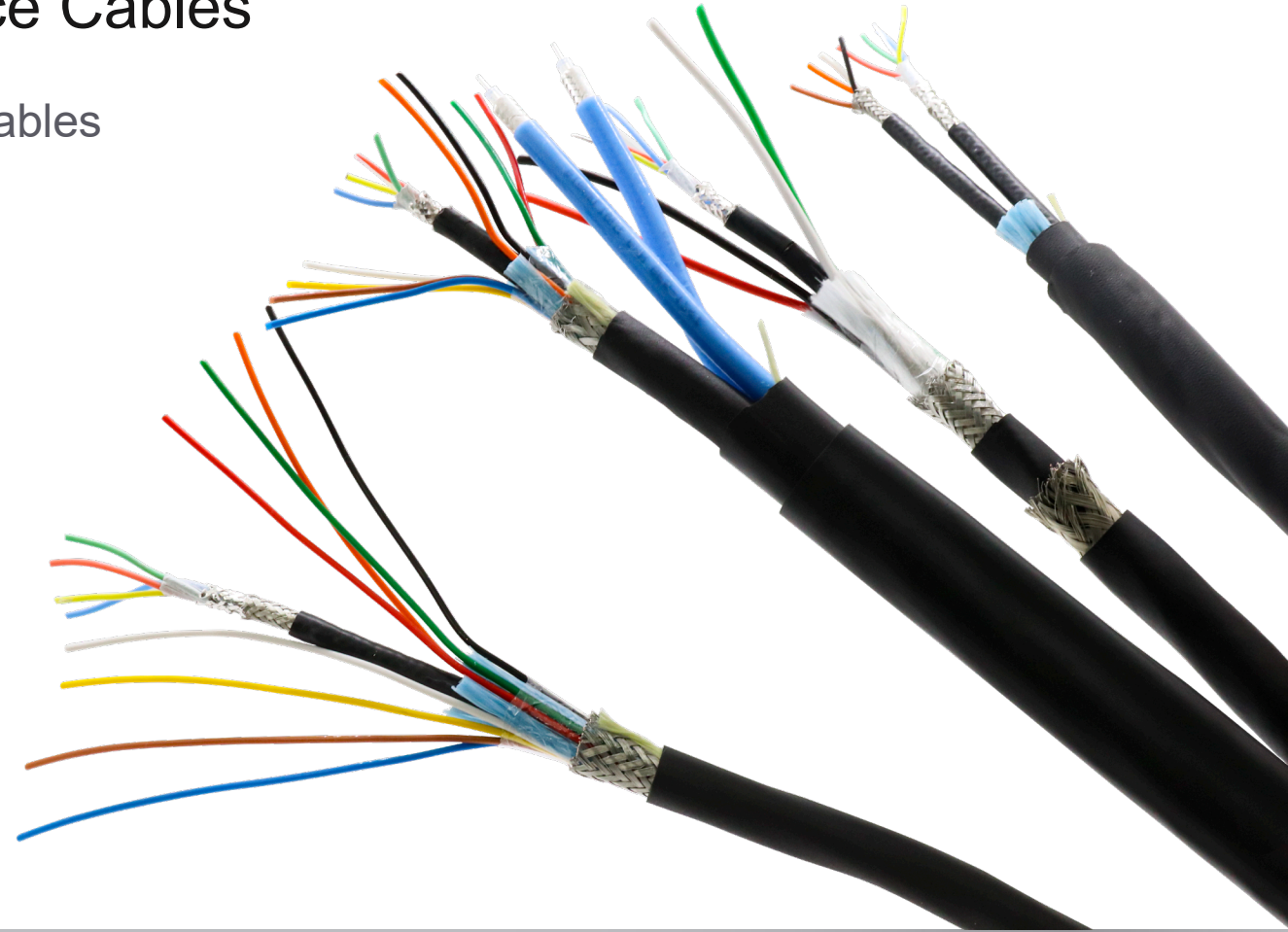
- Alternatives for industry standard cables!
- Custom engineering for new!



GIGACore™ – Composite Aerospace Cables

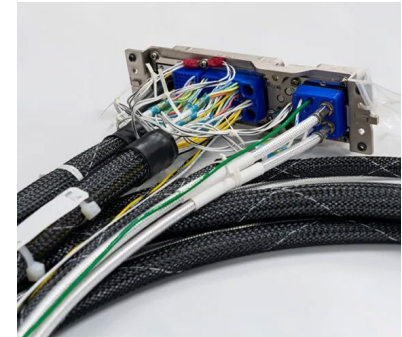
Mixed data and discrete wire, shielded composite cables and assemblies

- Mixed technology cables for your specific application
- Repeatable EMI & EMP performance results
- High-temp insulated wires and Fluoropolymer jackets withstand harsh aerospace applications
- Color coded wires to eliminate need for wire marking
- Prototype runs of 1000ft available
- Leadtime of 8-10 weeks for new designs and production builds



CABLE ASSEMBLIES

- Custom/bespoke cable assemblies
- Tested to validate system requirements
- Reports provided with built assemblies
 - RF Testing – VSWR, insertion loss, phase matching
 - Eye pattern testing for video
 - Ethernet category testing validation
- Contact GIGAFLIGHT Sales or Technical Support for more information



GIGAFLIGHT Product Catalog

Everything GIGAFLIGHT offers in one
easy to use Catalog & Handbook



Scan
to view the catalogue!

www.GIGAFLIGHTINC.com



Our Company's Pledge



- Exceptional Customer Service
- Responsive Technical Support
- Drop-in Replacements
- Minimum Lead Times
- On-time Delivery
- Competitive Prices
- Rapid Prototyping
- Immediate Quote Response
- Superior Quality Products
- Innovative, Custom Solutions
- No MOQ on Std Products
- Low MOQ on Custom Cables

Thank You!

Mark C. Miller

BD-Military and Defense

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