

AIRCRAFT WIRING SYSTEMS PROFESSIONALS — YOUR TOTAL SOLUTIONS TEAM...



Electronic cables, connectors, and cable assemblies for demanding military, corporate and commercial applications, including aircraft, helicopters, ground vehicles, motor sport, rail, medical, marine, and sea.



Wide selection of 50 and 75 ohm coax and triax RF, high speed data, cable assemblies, shipsets, custom and composite cables for avionics and other applications.



Databus, Ethernet, CAN-BUS, HDMI, USB, fiber channel, and application specific cables including IFE, SATNAV, EFB, TCAS, SATCOM, and many other avionics applications.



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ELECTRONIC CABLES, CONNECTORS & CABLE ASSEMBLIES

for Military, Civil, Avionics, Aerospace
and all Demanding Applications



DEMANDING APPLICATIONS DEPENDABLE CABLES



GIGABite™

High speed data communications cables and connectors for Ethernet communications backbone, avionics networks, ground vehicle bus, cabin management, IFE, and ground vehicle bus.

- CAT6a 10Gbps Ethernet, ARINC 429, ARINC 664, MIL-STD-1553 Data Bus, CAN-BUS, QuadraX, USB 2



GIGAVideo™

75 ohm RF & HDMI video cable and connector solutions. Lightweight coaxial/triaxial & DisplayPort assemblies for cockpit displays, surveillance/cabin security cameras, IFE, SMPTE 292M/424M video, RS170 video, high definition video, Blu-Ray, et al.



GIGALite™

50 ohm RF cable and connector solutions. Lightweight coaxial and triaxial, widely specified for use in navigation, TCAS and communications systems.



GIGACore™

Mixed technology cables for your specific requirements. If your application has multiple wires running from point A to point B consider using GIGACore composite cables. Contact GigaFlight sales or technical support for more information.

CABLE ASSEMBLIES

- Coax assembly/kit design services: custom assembly of Data, RF and Video cable assemblies and sub-systems
- Standard shipsets – Coax shipsets for all different systems on all defense and commercial platforms
- Cable assembly worksheets – RF and high speed data cables/connectors
- High speed data cable assemblies – HDMI, DVI, DisplayPort, Ethernet, QuadraX, USB
- Custom/bespoke avionics, RF and specialty cable assemblies from an expert assembly team
- Prototyping and system evaluation
- Validation testing – capabilities per system requirements
- High quality product backed by the knowledge and technical services you need for a successful install
- Engineering support tailored around the customer needs to meet system requirements
- Quick turn-around times ensuring on-time delivery
- ISO 9001:2015 & AS9100:2016 Certified; FAA PMA Production Approval Holder
- 24/7 AOG & technical support: aog@gigaflightinc.com

