PRODUCTS, SERVICES, AND CAPABILITIES












Amphenol CIT
Cable & Interconnect Technologies


AmphenolCIT

We're Your One Connection to Thousands of Interconnect Solutions

As one of the world's leading designers and manufacturers of high-performance wire and cable — including optical fiber — we are also experts in the design and production of harsh-environment interconnect products such as contacts, connectors, cable assemblies, installation kits, ARINC trays, racks, and shelf assemblies. In addition to manufacturing interconnect products for multiple markets, we have extensive engineering and certification capabilities that range from design to fully installed FAA-certified projects with DER, DAR, and DMIR personnel on staff.

By nature of our vertical integration, we can provide interconnect solutions encompassing every facet of design and production, and thereby help our customers solve a variety of product needs, including unique cable configurations, custom high-frequency connectors, complete cable assemblies of any complexity, and specialized complex harnesses, racks, and structures.

We're ready to take on your next challenge.

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WHO WE ARE

Roots

Our story goes back to 1940, when Henry Dudley Minich founded what was then known as Tensolite. It consisted of a team of six researchers in an old converted house in North Tarrytown, New York. They started out investigating the properties and commercial possibilities of various plastics and synthetic fibers and eventually began to build a reputation for producing the finest miniature insulated wire and cable in the industry. Tensolite was an early pioneer in the application of insulation to miniature wire and was one of the first to apply a unique material called PTFE to produce high-temperature wire and cable. In fact, the company's first insulated wire product was used to electrically heat the gloves and flight suits of World War II Air Force pilots.

Growth

In 1959, Tensolite became part of Carlisle Companies, setting the stage for a legacy of innovation. By 1998, the need for comprehensive interconnect solutions became apparent, leading to the birth of Carlisle Interconnect Technologies (CIT). A journey of expansion and acquisition began as CIT strategically added cable assemblies, RF/microwave and fiber optic solutions, structures, SATCOM solutions, and custom engineering to its portfolio. This transformation solidified CIT as a trusted end-to-end partner across the aerospace, military, space, and industrial markets.

Today & Tomorrow

Now, as we begin our latest chapter as Amphenol CIT (Cable & Interconnect Technologies), it signifies far more than two titans joining forces. It's a promise of progress, a commitment to excellence, and a testament to the power of human ingenuity. It's a fusion of expertise and vision where boundaries dissolve and innovation thrives. It's

Revolutionary Connectivity **Reimagined.**

The Markets We Proudly Serve

COMMERCIAL & MILITARY AEROSPACE

We can create custom hybrid solutions to meet your unique product design, engineering, and installation needs, regulatory requirements, supply chain and operational pressures, technology innovation, systems integration, lead time, and cost. And we can do it anywhere you fly.

- Cabin Management
- Avionics
- Aerospace Connectivity
- Aircraft Structures
- IFEC
- EFB
- SATCOM
- Advanced Air Mobility

INDUSTRIAL

From our harsh-environment designs for the most aggressive and ruggedized specifications to our ever-reliable RF interconnect systems, we are dedicated to creating solutions that help you focus on what you're building.

- Laser/Industrial Automation
- Heavy Equipment/Vehicles
- Alternative Energy/Storage
- Automotive
- Rail Mass Transit
- Oil & Gas Exploration
- Sensors
- Condition Monitoring
- Test & Measurement
- Medical

DEFENSE

From radars, missiles, satellites, and forward-looking infrared systems to electronic warfare and communication systems, we ensure the reliability of the parts that connect them. This gives our military the ability to operate with efficiency and confidence in any environment — so they can focus on the mission at hand.

- Radars & Antennas
- Missile Defense
- UAV/UA
- C4ISR
- Military Aerospace

SPACE

NASA, JAXA, and ESA have trusted us for more than 50 years with some of the space industry's most innovative and groundbreaking devices, programs, and missions — including Voyager, Mars Rover, Europa, MAVEN, and the James Webb Space Telescope, to name a few.

- Spacecraft & Launch Vehicles
- Satellite Integration
- Deep Space Exploration
- RF Power Handling

CABLE ASSEMBLIES

Connections Happen Everywhere

Whether your applications are deep in space, deep under the ocean, or anywhere in between, our precision-crafted cable assemblies and harnesses are ready to perform.

Streamlined, cost-effective, fully manufactured, and ready to install, our cables, connectors, and assemblies are vertically integrated to offer a complete solution to your design challenges. Our custom-designed and engineered solutions also maximize performance and durability.

Product Offerings:

- ECS Brand Avionics RF Coaxial Assemblies
- Data Bus, Power & Video Assemblies
- Fiber Optic Cable Assemblies
- Harness Assemblies
- Power & Grounding Assemblies
- RF/Microwave Harness Products

ECS Brand Avionics RF Coaxial Assemblies

Each ECS brand avionics RF coaxial assembly is tested on our network analyzers to maintain high quality and ensure reliability. Insertion loss, phase matching, time delay, and VSWR are measured to verify performance and to meet your exact assembly requirements. RF assembly electrical profiles are documented, and a certificate of compliance is included with each shipset. Profiles are archived in our database to ensure repeatability. Individual phase-matched cables can be remanufactured rather than replacing an entire shipset.

Available Types:
- Low PIM
- TCAS Cable Sets
- Customized Sets

Key Features:
- Up to 75% lighter than MIL-C-17 standard cables
- Bend radii ranges from 0.75" to 2"
- -55 °C to 200 °C temperature range
- Multilayered shielding for superior protection against EMI/RFI
- Minimal insertion loss
- Meets or exceeds FAR Part 25 burn/smoke requirements
- Product ID marker tape with identification every 3" to 4"
- Low PIM assemblies made with non-ferromagnetic properties to reduce multifrequency interference

Supported Frequencies:
- HF (2 – 30 MHz)
- Marker Beacon (75 MHz)
- VOR/LOC (108 – 118 MHz)
- VHF (118 – 156 MHz)
- Glide Slope (329 – 335 MHz)
- DME (960 – 1220 MHz)
- GPS (1575 MHz)
- SATCOM (1559 – 1660 MHz)
- XM/Wi-Fi (2200 – 2400 (MHz)
- MLS (5030 – 5091 MHz)
- IFE - KU Band (10.7 – 12.75 GHz)

Related Products: *ECS brand avionics RF connectors (Pg. 13)*

Data Bus, Power & Video Assemblies

HDMI, USB, DVI, Display Port & Coaxial Digital Video Assemblies

Designed to provide flexible cable solutions to support a wide variety of aircraft cabin management systems.
- HDMI, DVI, D-sub, Quad & Octax® terminations
- Optimum shielding to minimize interference issues
- Developed for minimal insertion loss & superior EMI protection
- Meet or exceed FAR burn/smoke requirements
- Fully terminated & tested
- Custom designs available

HDMI 2.0 Locking Cable Assemblies

Fully qualified to support 4K ultra-high-definition displays at 60 Hz, these cable assemblies are made to order in customer-specified lengths.
- HDMI 2.0-compliant
- Available with single-end terminations
- Made to order in customer-specified lengths
- Available with or without the anti-vibration locking feature

Octax® 10 Gb High-Speed Data Assemblies

Octax assemblies use standard M39029 contacts and connectors that are 40% lighter than competitor products.
- Cables house four Ethernet pairs in separate low-profile cells within a small envelope housing
- Optimized for use with our Gigabit series cables
- Available in plug & socket
- Can be utilized in panel-mount applications

Related Products: *Octax connectors (Pg. 15)*

Fiber Optic Cable Assemblies

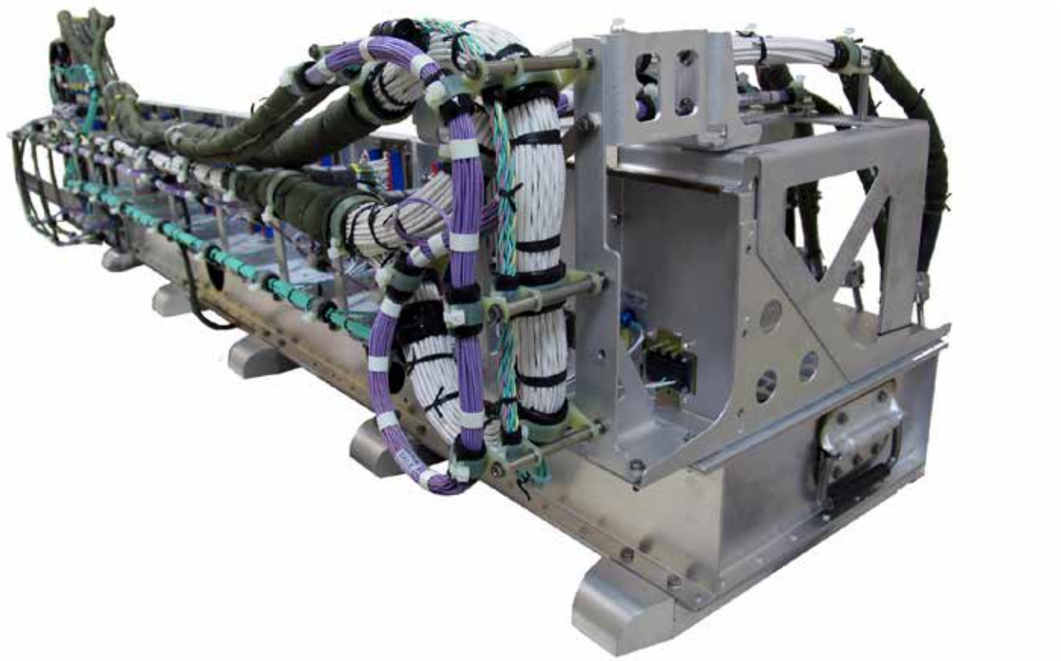
Single-mode, Multimode & Multifiber Assemblies & Breakouts

We offer a full range of fiber optic cable assemblies, including:

- Fiber jumpers
- Connectorized assemblies
- Highly complex breakout assemblies
- Long-length assemblies
- Fiber harnessing on racks, trays, or other structures

We terminate all common connector and termini designs and offer all termination types, including single-mode, multimode, and plastic optical fiber in single and multiple-fiber configurations.

Assembly design and value-add engineering are available, as well as environmental, mechanical, and optical qualification testing, and certification as needed.



Harness Assemblies

Straightforward & Highly Complex Multibranch Configurations

No matter how complex and stringent your application needs are, our engineers work to keep overall cable harness design simple and effective. We work with you to custom-design, manufacture, test, and certify cable harnesses from the small, simple, and straightforward to highly complex, multibranch configurations that can include a combination of features like overbraided sections, screened branches, overmolded connector boots, or complex connector boots, connector boots, or complex hybrid designs utilizing a mix of signal cables, power cables, RF cables, and even fiber optics. We have design and engineering teams at our state-of-the-art manufacturing facilities worldwide and are ready to work with you on complete, end-to-end managed solutions for your application needs.

Power & Grounding Assemblies

Provide a convenient and fast bolt-on solution to power and grounding cabling needs.

- Eliminates the need to purchase and maintain expensive terminal lug installation tooling and the need to train installers on crimping procedures
- Facilitates design to exacting standards, predetermined cable dressing, and assurance of proper fit
- Can be combined with other Amphenol CIT products into kits that facilitate assembly on the factory floor

CONNECTORS

The Smallest Things Make All the Difference

Our high-performance connectors and adapters are designed and engineered to be the highest quality and most reliable in the market. We are unmatched in speed of delivery, manufacturing flexibility, and quality control, providing consistently reliable, superior performance for your applications.

Product Offerings:

- ECS Brand Avionics RF Connectors
- Backshells
- Data Bus Connectors
- High Voltage

ECS Brand Avionics RF Connectors

Designed and fabricated to meet industry specifications, including MIL-C-39012, ARINC 600, and ARINC 404, our ECS brand avionics RF connectors seal out moisture and hydraulic fluids and are durable enough to withstand the punishment and harsh operating conditions of avionics installations, including high-vibration and extreme temperature variations.

ARINC

BNC

HN

SMA

Specialty FlightGear™ Blind Mate

TNC

Type C

Type N

Key Features:

- ARINC-Compatible Coax Contacts: Come as complete kits ready to be installed in standard size 1 or size 5 cavities.
- BNC Connectors: Often used for aircraft ground support and test equipment. Straight, right-angle, bulkhead, and extended connectors are available for the complete line of optimized avionics RF cable. Available in bulk or as part of full tested assemblies
- Specialty Connectors & Adapters: Include blind mate antenna connectors, tee and bulkhead adapters, and other parts to solve unique installation challenges using a variety of standard RF interface types
- HN Connectors: Used for high-power applications and are matched to cables with comparable power-handling capabilities. Available in right-angle configurations and engineered for low-pressure aircraft environments, this connector series is the ideal choice for airborne radio.
- SMA Connectors: Support applications up to 18 GHz. Terminations of SMA connectors onto ECS low-weight, low-loss, avionics coaxial cable allows optimum links between SATCOM antennas and diplexer, block upconverter, or amplifier.
- TNC Connectors: The most common connector for Avionics RF applications and comes in the widest range of configurations, including extended versions to reach difficult installations. Special options also exist with self-locking features, keyed configurations, and low-PIM materials.
- Type C Connectors: Often found on aircraft transponder systems and used in mid-frequency applications. Available in both straight and right-angle options.
- Type N Connectors: A more robust connector option used for a variety of aircraft antenna systems with performance up to 18 GHz. Straight and right-angle configurations for all avionics coaxial cables are available to suit your unique application.

Related Products: *ECS brand avionics RF coaxial assemblies (Pg. 7), ECS brand avionics RF cable (Pg. 42)*

Data Bus Connectors

Octax®

High-speed Ethernet interconnect solution delivering data transfer speeds of 10 Gbps and higher to the commercial and military aerospace market. Optimized for use with our Gigabit series cable and utilizes MIL-DTL-38999 series III size 9 to 25 shells and standard AS39029 22D crimp contacts.

Key Features:
- Lightweight and compact allowing for greater density
- No special tooling required
- Field repairable
- Available in nickel or cadmium plating
- Environmentally sealed
- EMI shielded

Available Types:
- Solo
- LT
- Hybrid
- 38999 (Sizes 11, 19, 25)
- Flange-mount receptacle
- Plug
- Straight PCB (flange mount)
- ARINC 600
- EN4165
- Single Contact

Adapter:
Bridges the technology between Quadrax and Octax for systems that use Quadrax at the board level

Terminated Assembly with Size 25 38999 Connector

Terminated Assemblies with Pair of Size 19 38999 Connectors

Octax Hybrid

Octax LT

Octax-Solo Plug & Flange-Mount Receptacle

Octax to Quadrax Adapter Assembly

Related Products: Octax assemblies (Pg. 8)

Backshells

Compact D-Sub Backshells

Designed to minimize weight and maximize internal space and EMI shielding, our D-Sub Backshells are an ideal solution for high-end commercial and aviation cables where weight and/or EMI shielding are critical.
- Special mounting features that maximize cable strain relief strength, preventing damage to wires & electrical contacts
- Five standard sizes: 1/E through 5/D
- Varying cable exit diameters ranging from 7 to 16 mm
- Front panel-mount capability
- 60% lighter than comparable industry-standard products
- Tapped body style
- Accommodates conventional & moisture-proof MIL-STD-24308 D-Sub connectors

Available Exit Angles:
- 45°
- 90°
- Straight

Composite Backshells

Up to 30% weight savings compared to aluminum configurations.
- 45° Exit Angle
- 90° Exit Angle
- Straight Exit Angle
- 10 mm and 13 mm cable exit diameters

EN4165/BACC65 Backshells

Low-profile and lightweight backshells, compatible with EN4165/BACC65 connectors with very effective EMI shielding.
- 45° Exit Angle
- 90° Exit Angle
- Straight Exit Angle
- 10 mm & 13 mm cable exit diameters

Universal Spring Latches

Compatible with MIL-STD-24308 D-Sub connectors and Compact D-Sub backshells. Provides enhanced locking stability for in-panel and inline applications compared to industry-standard products.

CONTACTS

Leading the Industry through Experience, Quality & Innovation

Powered by decades of experience, we are the premier global manufacturer of high-reliability contacts for harsh environment and mission-critical applications, with the widest QPL range in the industry serving OEM customers in aerospace, defense, space, and industrial markets worldwide. We have a wide global sales and distribution network and process more than 300 million contacts annually entirely in-house – from raw material to finished product.

High-Volume Manufacturing Processes & Capabilities Include:

- Blank manufacturing using cold heading & screw machine
- Automated plating lines (full & selective plating)
- Hooding, stripping & color banding

Product Offerings:

» RF Coaxial & Triaxial Contacts
» Signal & Power Contacts
» Thermocouple Contacts
» Custom-Designed Contacts

Contacts

Approvals for AS39029, EN3155 & BACC47

RF Coaxial & Triaxial Contacts

We are your source for RF coaxial and triaxial contacts used in MIL-C-38999, ARINC, and many other connector families. Our RF coaxial and triaxial contacts are used in critical communication systems, commercial and military satellites, and telecom, as well as navigation and integrated avionic applications.

Thermocouple Contacts

At 36,000 feet on a 70,000-lb thrust jet engine or miles down an oil exploration hole, our contacts can take the punishment. What may be exotic contacts to others have become part of our standard product offering that brings decades of Tri-Star experience to your application.

Signal & Power Contacts

Whether you are transmitting data for communication purposes or electrical power to perform work, our contacts will perform reliably as the most critical interconnect components in your connectors. Available with various termination options:

- Crimp
- PC Tail
- Solder Cup
- Wire Wrap

Custom-Designed Contacts

Special materials, designs, or configurations of contacts — we can handle them all. Enlist our design engineering team early in the process so we can help you to develop the optimum contact for your particular application.

STRUCTURES

Quality Integrated Structures & Industry-Leading Quality Standards

With a unique ability to design, build, test, and certify numerous types of interconnect structural items, we have the leading edge in end-to-end manufacturing.

We focus on building the highest-quality products with the best materials available, offering a wide range of precision structures adhering to military-quality standards and specifications.

Product Offerings:

- Antenna Mounts & Accessories
- Avionics Enclosures
- Racks & Shelves
- Trays
- Tray Accessories

Antenna Mounts & Accessories

Antenna Doubler & Adapter Plates

A wide range of installation solutions is available to match any antenna configuration or airframe application. Custom-solution design, substantiation, certification, and kits can be provided upon request.

Cable Feed-Thru Assemblies

Eliminate the need for expensive feed-thru connectors and associated losses for improved system performance. Standard and custom bulkhead cable penetration designs are available.

Avionics Enclosures

ARINC 404A, 600, 628, 836A Enclosures

We use top-quality aircraft-grade materials to meet or exceed ARINC 600 specifications, as well as all civil and military aircraft application criteria. Our special designs stand up to the most rigorous environmental hazards for in-flight and on-the-ground operations. Each enclosure is fully warrantied, ensuring that your avionics systems equipment will not only fit securely but operate safely.

- Optional plenum chamber & fan for positive pressure air cooling system

Racks & Shelves

19" Racks

Designed for all aircraft types, our 19" racks feature a ruggedized construction combined with an innovative design that offers a significant weight reduction over existing rack designs.

- Conform to rack standards EIA/ECA-310-E
- Universal rack-mounting flange
- Available in standard “U” heights
- Standard mounting hole patterns are available for both 24" & 27" depth configurations (custom depth & mounting hole patterns available per request)
- Can be customized for special mission needs

Aluminum Equipment Racks & Shelves

Racks: Available with integrated plenums for equipment cooling, optimized for weight and strength, and can be delivered fully wired and ready to fly.

Shelves: Direct-fit replacements or new shelves where additional equipment space is required. Can be provided either as a simple frame where you can add your own installation on top or as fully wired and tested kits ready to bolt into the aircraft and slide in the LRUs.

Composite Equipment Racks & Shelves

Racks: Strong, light, airtight, and fireproof, our composite racks are ideal in spaces where full enclosures are required

Shelves: Special inserts are used to allow mechanical interface with composite racks and aluminum shelving

Overhead Stowage Bin Racks & Structures

We offer a variety of installations to support special cabin equipment, such as inflight entertainment or passenger connectivity. These installations would be located in the overhead stowage bins, generally used for carry-on baggage

Trays

ABS 1699

Standard equipment on all Airbus A3xx aircraft

- Meet ARINC 600 & ABS1773 standards specific to these aircraft platforms
- Integrated side seals to speed installation on cooled equipment shelves
- Cooling holes standardized to accept NSA939511-03 plugs
- Advanced thumbscrew hold-downs

ABS 1876

Developed for the Airbus A350 aircraft but can also be used on all Airbus A3xx aircraft

- Provide a 20% reduction in weight compared to our standard ABS1699 trays
- Meet ARINC 600 standards & ABS1773 requirements specific to these aircraft platforms

ARINC 404 & 600

All ARINC trays are designed and fabricated in our state-of-the-art manufacturing facility using top-quality aircraft-grade materials to meet or exceed ARINC specifications, as well as all civil and military aircraft application criteria. Our special designs stand up to the most rigorous environmental hazards for in-flight and on-the-ground operations. Each tray is fully warrantied, ensuring that your avionics systems equipment will not only fit securely but operate safely.

- Off-the-shelf designs or custom solutions are available to best fit your requirements
- Optional plenum chamber & fan for positive pressure air-cooling system

Related Products: Adjustable Keeper with Mounting Block (Pg. 34)

Trays Cont'd

ARINC 836A Miniature Module

A small form-factor avionics mounting solution that enables quick and easy field installation/replacement of LRUs. Much like the ARINC 404 and ARINC 600 solutions in place today, this ARINC 836A-compliant design offers interchangeability between manufacturers and standard mounting.

Components:

- A tray that mounts to the aircraft
- An enclosure that holds the electronics
- A locking latch to allow quick and easy installation of the enclosure to the tray

Lightweight ARINC

Using new fatigue-resistant aluminum materials and a highly refined design, we have developed an innovative line of lightweight ARINC 600 trays that are 20% lighter than standard trays, while still meeting the rigorous performance criteria of FAR Part 25, ARINC 404A and 600, and RTCA/DO-160.

Custom Trays & Mounts

Our engineering staff is available to solve your installation challenges.

- Vibration isolation mounts
- Grounding springs or studs
- Terminal blocks or strips
- Cooling fans & plenums
- Drip shields and hoods
- Full EMI enclosures behind the connector
- Multiple trays or mounts collected into a stacked, side-by-side, or other configuration

Tray Accessories

Positive Pressure Air Filtration Systems

We offer a variety of positive pressure solutions to capture dust and debris before they ever enter the cooling system or equipment.

Positive pressure air filtration occurs at the inlet side of a cooling fan, generally installed on a shelf, rack, or individual mounting tray assembly. These filters prevent dust and debris from contaminating the cooling fan and electronics, which can shorten the operating life significantly. Additionally, it helps keep the air plenums free of debris that can restrict cooling air flows. This helps maintain consistent cooling performance over time to make sure high-value electronics aren't unnecessarily stressed by reduced cooling flows. Filtration solutions meet fire standards for airborne equipment and are available in a variety of configurations to maximize filter life.

Adjustable Keeper with Mounting Block

Designed as an upgrade to the NAS1637 Adjustable Keeper with Mounting Provisions, this product interfaces with the NAS1637 latch to retain Line Replaceable Units (LRUs) into ARINC 404-style trays. With upgraded materials, finishes, and additional features, it:

- Exceeds the performance & user experience of build-to-spec NAS1637 keepers
- Includes a mounting block that allows for installation on avionic trays & maximizes the adjustment range of the keeper

Related Products: ARINC 404-style trays (Pg. 32)

Negative Pressure Air Filtration Systems

We offer three types of negative air pressure filtration systems that significantly reduce the ingression of cooling air contaminants from entering the equipment through top to bottom cooling flows.

- Tray-mounted
- LRU-mounted
- AF-5000 air filtration unit

Temperature & Cooling Flow Sensors

A low-cost monitoring solution for your stand-alone cooling system that can be interfaced into any low-pressure plenum application.

Tray Accessories Cont'd

Hex Stand-Offs

Our male/female threaded Hex stand-offs are ideal for clamping wire bundles or tubes away from a bulkhead or for routing through various structural installations.

- Color-coded to indicate the height
- Made from aerospace-grade aluminum for additional weight savings

Insertion-Extraction Hold-Downs

We offer several installation "force-limiting" hold-downs with extraction features to protect the blind-mate connectors interfacing with your equipment. Offers easy maintenance removal and replacement.

Military-Style Hold-Downs

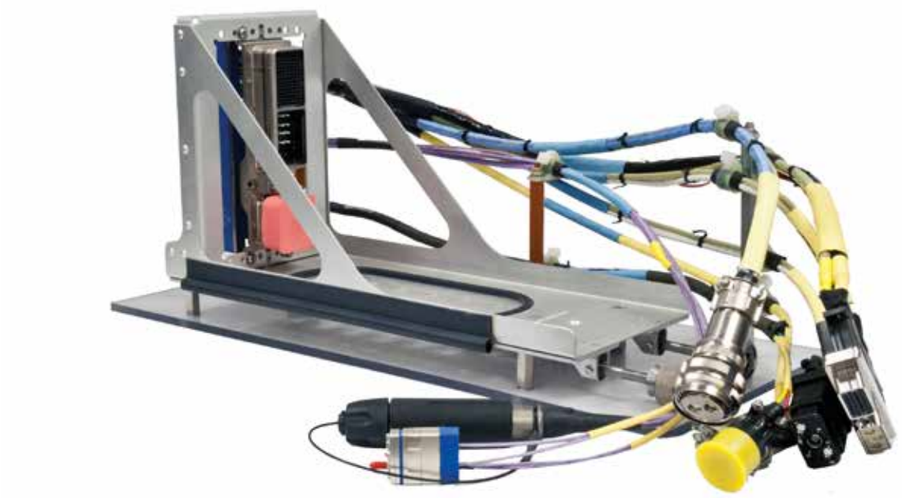
The industry standard for a thumbscrew hold-down restraint of avionics equipment.

- Secure ratcheting locking mechanism that meets the performance standards of MS14108, MIL-F-85371
- RoHS-compliant

Advanced Thumbscrew Hold-Downs

A lightweight, high-performance option when a more advanced solution is needed. Developed to meet the extreme performance standards of ABS1699, ASNA2168, and RTCA/DO-160.

- Retain equipment even when not fully tightened
- Provide superior installation force compared to standard military-style hold-downs



SYSTEMS

Avionics Equipment is Made Even Better With the Best Installation Components

We provide kits and components with varying levels of factory-completed integration to fit the needs of any installation program. One aircraft or hundreds, we are ready to help minimize the time in the hangar and get you flying again quickly. Need something specialized? Our engineering team is ready to create the perfect package, including custom structures, harness assemblies, fiber optics, RF cables, and other critical components.

- Approvals from FAA or EASA delegates
- Specialized substantiating documentation
- Robust manufacturing capabilities from FAA-approved facilities

Product Offerings:

» Automatic Dependent Surveillance Broadcast (ADS-B)

» EFB Systems

» GPS System/Multimode Receiver (GPS/MMR)

» In-Flight Entertainment & Connectivity

» SATCOM

Automatic Dependent Surveillance Broadcast (ADS-B)

Certified installation design packages and kits available for:

- A320
- 757
- 747
- 767

Other airframes can be quoted upon request

EFB Systems

eZMount® Tablet Cradle for iPad®

Designed to be mounted to the eZMount Twist mounting system, the eZMount universal cradle allows many generations of devices to be used without updating the mounting on the aircraft, eliminating costs of certification and hardware replacement. This gives airlines flexibility to upgrade their devices without driving costly changes to aircraft fleets.

eZMount® EFB Mounting Solutions

Engineered to adapt to angles and tight constraints of the flight deck and designed to be easily adjustable by the flight crew for enhanced operation and safety.

- Fully RTCA/DO-160 FAA-witness tested, substantiated to 20G impulse & 9G sustained crash-loads in all directions
- The only mounting solution for both certified and noncertified options that meets all of these qualifications
- Provisions available in complete STC installation kits or as individual PMA components to support owner/operator EFB STC* installation projects or installation via local field approval efforts (Form 337)
- All display mounts are compatible with our eZMount Tablet Cradle

GPS System/Multimode Receiver (GPS/MMR)

Certified installation design packages and kits available for most Airbus and Boeing aircraft.

In-Flight Entertainment & Connectivity

Want to install the latest in high-speed connectivity to your large or small aircraft? Our connectivity integration kits contain the key components you need to mount, connect, and interface modems, routers, content servers, and antennas on the aircraft quickly and easily. Our products are often the standard items referenced in the equipment installation manuals for these popular systems, assuring you of the best possible performance of the system in the air.

Kits:

- Cobham AVIATOR 200, 300, 350, 700 & SP
- FlightGear™ ARINC 791 & 792 Ka, Ku, Ka/Ku
- Gogo AVANCE™
- HD-710/HP-720 Hardware (Unpressurized Application)
- HD-720 Hardware
- Honeywell Aspire 200, 350 & 400
- HS-720 Hardware
- HSD-440 Hardware
- HSD-X Hardware
- SD-720 Hardware
- SENTRY™ Flight Data Recorder Retrofit Kit
- Simphone
- SmartSky 4G LTE ATG

Don't see what you need? Contact our applications engineering team, and we'll be glad to help!

SATCOM

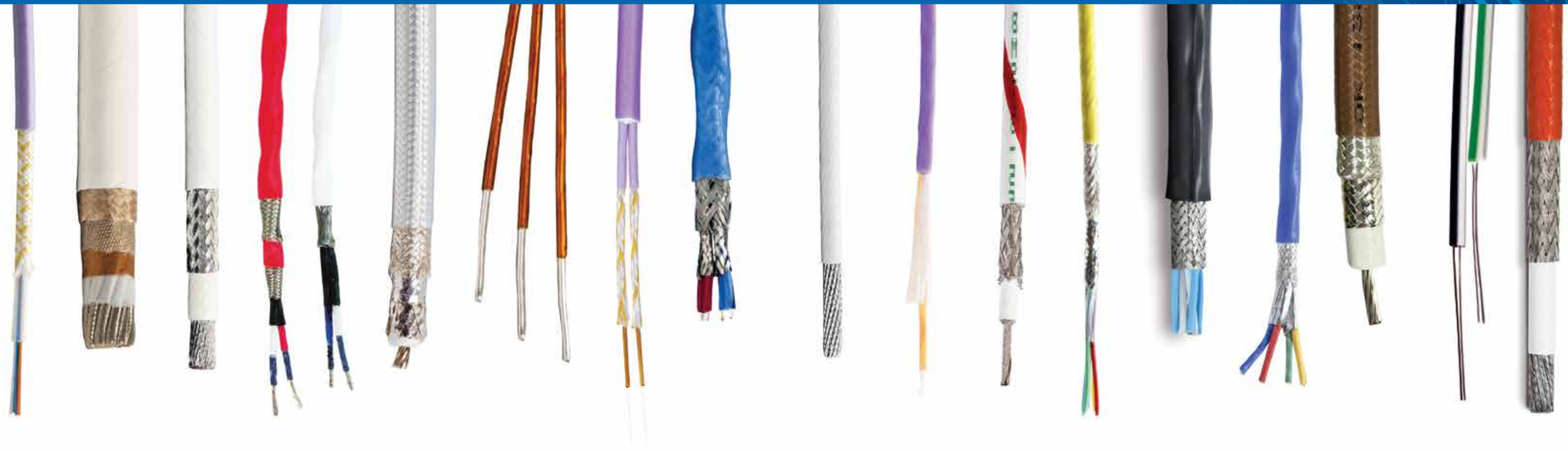
ARINC 791 Installations

We offer multiple ARINC 791 solutions for Ka-band, Ku-band, and Ka/Ku SATCOM installations. Our ARINC 791 adapter plate solution fulfills the need for standardized installation, easier maintenance inspections, and an overall lower cost of ownership. Installation packages are available for a wide range of aircraft. Details of available certifications, in-process engineering, and customizations are always expanding and can be furnished upon request.

- Conforms to the ARINC 791 standard, which future-proofs your SATCOM installation & makes upgrades to next-generation SATCOM antennas & system equipment easier & faster, with commonality across entire fleets
- Designed to support a wide range of SATCOM systems, ARINC 791 is preferred by aircraft manufacturers for line fit installations

Thermal Management Solution (TMS) for ESA SATCOM Applications

An integrated isothermal transfer plate utilizes patented technology to transfer heat from the antenna(s). Passive elements reject heat to the surrounding environment. The all-aluminum structure eliminates concerns about galvanic corrosion common to other heat transfer technologies. Our TMS can be adapted to any antenna form factor and integrated into the antenna support structure.



WIRE & CABLE

Engineered & Installed to Meet Your Unique Challenges

Ruggedized to perform reliably in harsh conditions and under extreme temperatures, our wire and cable can be engineered and installed to meet your unique challenges.

Product Offerings:

- Composite Aerospace Wire
- MIL-SPEC Wire
- Commercial UL/CSA/BS Cable & Hookup Wire
- Industrial Wire & Cable
- Fiber Optic Cables
- Harsh Environment, Engine & SWAMP Cables
- High-Speed Digital & Data Cables (Aerospace)
- High-Performance Coaxial Cables
- High-Voltage Wire & Cable
- Specialty Cables
- Shielding & Overbraiding Products
- Cable Assembly & Repair Products

Composite Aerospace Wire & Cable

Seamless & Seamless-T™

Seamless and Seamless-T PTFE tape-wrapped products are designed for use in commercial and military aerospace applications and are available in a variety of constructions and colors. Custom designs are available by request.

- **AS22759/80-/92 & AS22759/180-/192 Hookup Wires:** Incorporate either dual-, three-, or four-layer insulation constructions with either copper alloy, tin-, silver-, or nickel-plated stranded conductors.
- **NEMA WC 27500 Cables:** Incorporate from one to 15 MIL-DTL-22759, MIL-DTL-25038, or MIL-DTL-81381 wires, plus a single or double shield & a single or double jacket.

Tufflite®

Available in six cable families in sizes 26 to 4/0 AWG. Laser-markable and approved to multiple commercial aircraft platforms.

- TL: Medium Wall, Normal Weight
- ST: Enhanced Medium Wall, Normal Weight
- SLT: Thin Wall, Light Weight
- TLR: Metric Medium Wall, Normal Weight
  - EN 2267-010 (DR)
  - EN 2714-013 (ML)
- TLS: Thick Wall, Abrasion-Resistant
- TLA: Thick Wall, Aluminum Conductor

MIL-SPEC Wire

Suitable for high-temperature applications with PTFE, ETFE, FEP, or PTFE/polyimide insulation. Options for highly abrasion-resistant insulation or high-strength conductors for maximum performance under mechanical stresses are also available.

- AS22759 Wire (fluoropolymer insulated)
- MIL-C-17 (high-performance coaxial cable)
- NEMA WC 27500 Cable
- MIL-DTL-16878 Wire (NEMA HP3, HP4)
- MIL-DTL-25038 Wire (fire-resistant)
- MIL-DTL-81381 (polyimide insulated)

Commercial UL/CSA/BS Cable & Hookup Wire

Meets or exceeds Underwriters Laboratories (UL) and/or the Canadian Standards Association (CSA) safety standards.

Industrial Wire & Cable

Polyimide Equipment Wire & Cable

A compact, lightweight, and mechanically tough polymer with:

- Good flexibility
- Heat resistance
- Chemical resistance

Typical applications include airframe and aircraft wiring, military communications and avionics, automotive wiring, and nuclear power installations.

Thermocouple Cables

Available in a broad range of thermocouple cable types and designed for accurate measurement and control in a variety of applications, including connecting sensors to devices, instrumentation and control, and temperature measurement.

- SAE5419 with parallel or spiral-laid components wires
- AS5419 Type “K” cables are typically used as extension leads for aerospace applications. Thermocouple extension wires are calibrated for use together in fabricating thermocouples.
- Dumbbell (single-shot & figure 8)
- Engineered to withstand hazardous environments
- Excellent resistance to chemicals, oils & lubricants
- PTFE, FEP, PFA, or polyimide insulations
- Wide temperature performance
- Color-coded insulation for ease of identification

Fiber Optic Cables

LITEflight® EP

Aerospace-grade fiber optic cables that provide all the performance and benefits necessary to perform in the harsh environments of aerospace and military applications with low loss, tight bend radius, improved thermal stability, and peak performance during termination and installation. Semi-loose structured and compatible with all commercially available fiber optic termini and connectors.

LITEflight® HD

A multichannel fiber cable in the smallest package. Designed for compatibility with cutting-edge fiber optic connector designs like industry-leading MPO and MPO-derivative connectors, as well as emerging multifiber termination connectors.

LITEflight® HP

Offers excellent thermal stability and ideal connector/contact compatibility in a semi-loose construction for challenging harsh environment installations.

LITEflight® POF

The only aerospace-qualified POF cable on the market today and the highest-performing plastic optic cable for harsh environment installations. Available in single- and multicore configurations and compatible with all standard POF transceivers.

LITEflight® TS

The best-performing tight-structured cable in the industry, offing low loss and high bandwidth. Available in all standard multimode and single-mode core types.

Harsh-Environment, Engine & SWAMP Cables

Designed to perform under vibration and direct flame exposure, our severe-environment wire and cable are perfect for applications in engine compartments, fire detection circuits, flight critical systems, and fly-by-wire systems where superior performance and temperature resistance are critical.

Thermazone™ Fire-Resistant Cables

Designed for use in high-temperature and severe-environment applications such as engine wire, fire detection circuits, fly-by-wire systems, and flight-critical circuits. Three wire options are offered:

- MIL-DTL-25038/1 (Thermazone I)
- MIL-DTL-25038/3 (Thermazone IIIK, IIIG)
- BMS 13-55 (Boeing Material Spec)

EFGLAS Equipment Wire & Cable

Designed for Severe Weather and Moisture Prone (SWAMP) applications, such as wheel housings, wings, and engine nacelle. Provides extreme strength, abrasion, and temperature resistance from the combination of PTFE tape and a PTFE impregnated glass yarn braid.

ESW Firezone Cables

A range of high-temperature, fireproof, and fire-resistant single- and multicore cables, incorporating PTFE and polyimide, specifically designed for use in fire zone areas of the aircraft engine.

High-Speed Digital & Data Cables

We offer innovative data cables designed for reduced size and weight, easy installation, and flexibility in tight routing spaces. Choose from a wide range of high-performance data cables that meet the demanding needs of your aerospace applications.

NETflight® Series Ethernet Cables

Built with a small envelope, lightweight housing, and faster bandwidth speeds to meet the demands of new technology and increasingly higher data-transmission requirements. Both standard and custom configurations are available for instrumentation, control, and signal applications of various types.

- 100 Base-T Ethernet Cable – Single Twisted Pair
- 100 Base-T Ethernet Cable – Shielded Quad
- 100 Base-T Ethernet Cable – Twisted Pair
- High-Performance Ethernet Quad Cable
- Lightweight 100 Base-T Ethernet Quad Cable

Maxflite™ Series Cables

Provides high-speed performance for the popular video and data bus protocols. Designed for Severe Weather and Moisture Prone (SWAMP) applications, such as wheel housings, wings, and engine nacelle. Provides extreme strength, abrasion, and temperature-resistance from the combination of PTFE tape and a PTFE-impregnated glass yarn braid.

- HDMI
- DVI
- USB
- Firewire
- CANbus
- Fiber Channel

Gigabit Series Ethernet Cables

Combine industry-leading, high-speed performance with significant size and weight advantages over comparable cables. Their durable design and exceptional electrical and mechanical characteristics make them ideal for a broad range of high-speed Ethernet applications in the aerospace, defense, military, and ground transportation markets. Developed in a wide variety of configurations to provide 1 and 10 Gb performance in the most demanding applications. These cables can be paired with our Octax connectors to produce an ultra-high-speed cable assembly.

- Shielded Dual Quads
- Gigabit-10HP™
- Gigabit-Flexx™
- Gigabit-Plus™
- Gigabit-STP

Related Products: Octax connectors (Pg. 15)

High-Performance Cables

MaxForm® Hand-Formable Cables

A hand-formable alternative to semi-rigid cable. With its 100% shield coverage, it provides equivalent performance to MIL-C-17 semi-rigid but can be formed by hand without the use of bending equipment.

- Solid PTFE core beneath a tin-soaked metal braid
- A direct replacement for UTiFORM® cables as general form, fit & function for both products are identical

ECS Brand Avionics RF Cables

Configured specifically for avionics systems that require a low-loss cable with frequencies between 0 – 12 GHz. Sold in bulk, cut-to-fit, or within a kit, these cables have short lead times with no minimum quantity and, in many cases, are in stock with same-day shipping available.

- 50 Ω Coaxial & Triaxial
- 50 Ω Coaxial Lightning Series
- 75 Ω Coaxial & Triaxial

***Related Products:** ECS Brand Avionics RF Assemblies (Pg. 7), ECS Brand Avionics Connectors (Pg. 13)*

High-Voltage Wire & Cable

All of our high 1000 V cables are constructed with highly flexible nickel-plated copper strands in gauges from #8 to #0000 AWG for demanding flight profiles and temperatures up to 260 °C. Together, these cables solve the common problems EWIS engineers encounter in designing power distribution systems, such as light weight, small diameter, and high flexibility. All three product families are laser-markable for easy identification.

Available Types:

- Extruded
- Composite
- Ultra-Flexible Shielded Composite
- PowerFlex™ Ultra-Flexible Aluminum Power Feeder

Specialty Cables

Coil Cords

Provide a combination of strength, flexibility, and resistance in harsh chemical environments across a wide operating temperature range. A wide variety of materials is available on customer-specific designs for aerospace and industrial markets.

- Diameter: Up to 3.0 in (7.6 cm)
- Coiled length: Up to 7 ft (2.1 m)
- Operating Temperature: -55 to 200 ºC
- Jacket Materials: polyurethane, hytrel, Seamless™ PTFE tape/ polyimide, FEP/polyimide, polyolefin
- Internal Wires: PTFE, PTFE/polyimide composite, FEP, ETFE standard or custom data cables

Low-Noise Cables

Minimize triboelectric noise generated by cable movement and provide superior shielding to protect signals from external interference. These cables are ideal for use with piezoelectric accelerometers or other sensitive transducers, or other applications with low-power signals and/or electrically noisy environments.

They are also used in airborne EVM (Engine Vibration Monitoring) systems with approval from many major aerospace manufacturers.

Cable Assembly & Repair Products

Portable Coaxial Cable Stripper Kit

Cuts and strips our ECS brand Avionics coaxial cables in three seconds, reducing termination times dramatically and ensuring the perfect no-nick strip every time.

- Blades last up to 15,000 strips
- Handheld driver is powered by a removable battery pack
- Comes complete with hard-shell carrying case, charger, and one cutter head (additional cutter heads sold separately)

SENSORS

High Performance for Complex Applications

When an application demands complex measurement, a high-performing sensor for displacement, distance, position, or vibration can deliver the results you need to achieve market-leading performance. As the world's leader in precision products, Lion Precision, an Amphenol CIT brand, produces high-performance capacitive and inductive sensors capable of delivering an unmatched combination of resolution and speed. Rapid customization and short lead times bring your high-tech products to market quickly. Lion Precision's displacement, distance, position, or vibration sensors can give you the best results for the most demanding measurements.

Product Offerings:

- Capacitive Sensors
- Eddy Current Sensors
- Machine Tool Sensors
- Fast Steering Mirror Sensors

Capacitive Sensors

High-resolution, high-performance noncontact displacement, distance, position, oscillation, and vibration sensors for a wide range of applications.

Elite Series

	CPL590	CPL490	CPL190/290	CPL230	CPL350	CPA100
						
Product Selection Guide	**CPL591/592**	**CPL490**	**CPL190/290**	**CPL230**	**CPL350**	**CPA100**
Typical Resolution* (% F.S. rms) @ 15 kHz	0.004%	0.0007%	0.003%	0.004%	0.004%	0.03% @ Midrange
Linearity*	0.1%	0.2%	0.2%	0.5%	0.5%	Nonlinear
Dual Range (Sensitivity)	CPL592		CPL290			
User Adjustments	✓	✓	✓			✓
Adjustable Gain						✓
Adjustable Offset	✓	✓	✓			✓
Range Indicator	✓	✓	✓			✓
Setpoint/Switched Output						✓
Channels Per Package	1-8	1-3	1-8	1-6	1	1
Selectable Bandwidth (kHz)	0.1, 1, 10, 15	1, 10, 15, 50	0.1, 1, 10, 15	0.1, 1, 10, 15	0.1, 1, 10, 15	
Maximum Bandwidth (kHz)	15	15	15	15	15	15
Customization Available	✓	✓	✓	✓	✓	✓
Digital Output	✓					

STANDARD TECHNICAL SPECIFICATIONS

**Typical specifications dependent on probe and range*

Eddy Current Sensors

Our eddy current sensors provide high-resolution measurement and unmatched precision in even the dirtiest environments. These advantages have made eddy current sensors indispensable for many machine builders, production managers, and precision metrology applications.

	ECL202	ECL150	ECL101	ECL110	ECA101
					

STANDARD TECHNICAL SPECIFICATIONS

Product Selection Guide	ECL202	ECL150	ECL101	ECL110	ECA101
Linear Analog Out	✓	✓	✓	✓	
Nonlinear Analog Out					✓
Digital Output					
Setpoint Output	✓				✓
Pushbutton Adjustment	✓				
Adjustable Gain			✓	✓	✓
Adjustable Offset	✓		✓	✓	✓
Range Indicator	✓	✓	✓	✓	✓
Multichannel Package		✓		✓	
Selectable Bandwidth (kHz)	0.1, 1, 10, 15	1, 10, 15, 50	0.1, 1, 10, 15	0.1, 1, 10, 15	0.1, 1, 10, 15
Linearity	0.2%	0.2%	0.25 - 0.5%	0.25 - 0.5%	Nonlinear
Resolution	0.002% - 0.025%	0.002% - 0.025%	0.004% - 0.06%	0.004% - 0.06%	0.02%
Maximum Bandwidth (kHz)	15	15	80	80	10

Machine Tool Sensors

Precise inspection to ensure you're producing your best work.

Spindle Error Analyzer (SEA)

Flexible configuration for sophisticated measurements and highest-precision spindles.
Best analysis device available
Applications: Production/Machine Shops

SpindleCheck Analyzer (SCA)

Detailed analysis of machine performance with high resolution.
Applications: Production/Machine Shops

TARGA III

The first and best system to measure run-out of high-speed PCB drilling spindles.
Applications: High-Speed Runout Measurement

Image Credit: NASA

Sensor-Driver System for FSM & Differential Sensing Applications

Featuring state-of-the-art Lion Precision Eddy Current Sensors, the EDA500 controller is the ideal off-the-shelf solution for Fast Steering Mirror and differential sensing applications. The EDA500 system comes with two matched pairs of high-resolution noncontact Eddy Current Sensors, the driver with four sensor inputs (two per axis), an analog output, and a nine-pin connector interface for easy connectivity. The system can be customized for specific applications and is also available as a board without an enclosure for space savings and easy integration into a control system.

Designed For:

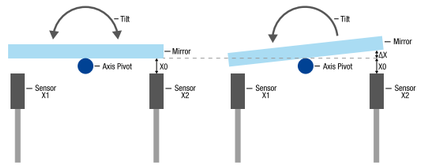
- Fast Steering Mirror (FSM) sensors
- Telescope & microscope stabilization
- Image stabilization

Features:

- High bandwidth
- High resolution
- Low power consumption
- Excellent temperature stability
- Matched sensor for high stability & repeatability
- Radiation tested to 75 krad TID

How It Works:

The differential system provides feedback from any change in the null position. Small changes in the tilt of the target are measured and sent to the actuator to allow fast and accurate control and positioning.



SPECIFICATIONS	
Input Power	±15 VDC, ±53 mA, 1.6 W
Analog Output	± 10 V
Linearity Error	± 0.1%F.S. @ 22 °C
Error Band	± 0.2%F.S. @ 22 °C
Driver Operating Temperature	0 °C to +60 °C
Probe Operating Environment	-25 °C to +125 °C
Weight (Electronics)	41 grams (board only)
Weight per Probe (1 meter)	12.5 grams
Standard Range*	700 um (150 to 850 um)
Driver Thermal Drift at Null	±0.001% FS/C
Driver Thermal Drift at Min Gap	-0.02% FS/C
Driver Thermal Drift at Max Gap	+0.02% FS/C
Probe Thermal Drift at Null	±0.005% FS/C
Probe Thermal Drift at Min Gap	-0.01% FS/C
Probe Thermal Drift at Max Gap	+0.01% FS/C
Bandwidth (-3dB)	28 kHz
Group Delay	< 12 us
RMS Resolution at Null Gap	< 7.0 nm
RMS Resolution at Max/Min Gap	< 25 nm

Standard range shown; custom ranges available upon request.

SERVICES & CAPABILITIES

We're ready to take on your next challenge

At Amphenol CIT, our commitment to providing you with end-to-end solutions comes to life through our comprehensive suite of services and capabilities. By working closely with you, we gain an exceptional focus on solutions specifically tailored to your needs, from design to delivery and beyond. We can design, build, test, certify, and deliver precisely what you need, exactly when you need it. Whether it's for commercial aerospace, military & defense, space, test & measurement, industrial, or medical technology applications, Amphenol CIT has just what it takes to get it done.

We Offer:

- Engineering & Design
- Airworthiness Certification
- 5-Axis Machining
- Laser Marking & Engraving
- Mechanical Assembly
- Metal Finishing & Paint
- Sheet Punch & Forming
- Water Jet Cutting
- Testing & Field Services
- Custom Overbraiding Services
- Bobbin Winding
- Contract Manufacturing

Engineering & Design

Our ability to create custom solutions means you have a true partner in innovation as you move your business forward.

- Complete electrical and structural design
- Custom component design
- Field installation surveying
- Airflow cooling and analysis
- Stress analysis
- Qualification testing
- Fire detection and containment
- Regulatory compliance (SFAR 88, DO-160, FAR)
- Conformity, STC, and PMA
- On-site DER, DAR, and DMIR
- ProE, AutoCAD, and CATIA

Airworthiness Certification Services

We are an FAA STC Design Approval Holder with a staff of certification experts, in-house Federal Aviation Administration Designated Engineering Representatives (FAA DERs), Designated Airworthiness Representatives (FAA DARs), and Designated Manufacturing Inspection Representatives (FAA DMIRs).

- STC Certification (FAA/EASA/Part 21 DOA)
- PMA Manufacturing (FAA PMA/EASA Part 21 POA)
- OEM Aircraft Parts & Assemblies

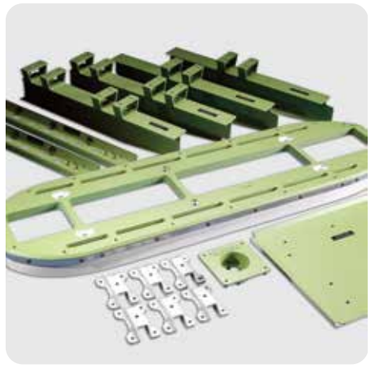
Hundreds of STCs have been awarded to Amphenol CIT across a broad spectrum of systems and equipment and have been recognized by airworthiness authorities worldwide. Amphenol CIT components fly on more than 90% of commercial aircraft in service today.

5-Axis Machining

We have extensive manufacturing facilities for aerostructures of all shapes and sizes. We can work in a wide variety of aerospace metals, including aluminum, stainless steel, titanium, and select composites. 3- and 5-axis CNC, lathe, and long-bed machining make turning your designs into high-quality pedigreed aircraft parts quick and easy. Manufacturing facilities are FAA PMA-approved, allowing parts to be delivered with airworthiness tags if requested. All parts receive AS9102 FAI and detailed inspection by an expert quality staff using the latest technology.

Laser Marking & Engraving

Permanent logos, labels, bar codes, and part numbers can be engraved into a wide variety of metals and plastics.



Mechanical Assembly

In addition to sheet metal and machining, we offer additional services for mechanical assembly, including:

- Screws
- Rivets
- Hi-locks
- Welding
- Adhesive Bonding
- Press Fit & Crimping
- Packaging optimized for next-level integration

Metal Finishing & Paint

- MIL-DTL-5541 automated chemical conversion coating line
- Class 3 RoHS clear chem finish (most common)
- Part handling up to 8 ft x 5 ft x 1.5 ft thick
- Max part handling weight of 250 lb
- Fully automated process chemistry monitoring and time in tank controls
- Qualified on 2000, 5000, 6000, and 7000 series aluminum alloys
- NADCAP certification
- Anodize

Sheet Punch & Forming

TRUMPF TruPunch CNC punch/shear presses with a full range of punch tooling numbering nearly 1,000 tool sets.

- Typical Materials: Aluminum, acrylics, Teflon™, and stainless steels
- Stamping Sheet Size: 4 ft x 6 ft 8 in
- Tolerance: +/- 0.002 in (0.05 mm)
- Max Thickness: 1/4 in (aluminum); 3/16 in (stainless steel)

Testing & Field Services

We offer a variety of test kits, test facilities, and field support resources in support of our products. Contact us if you have special requirements or would like a customized test configuration tailored to your product and field support needs.

- Fiber optic test & inspection kits
- Product qualification & testing
- Vibration & shock testing
- Customer product training
- On-site technical support

Custom Overbraiding Services

Overbraiding of customer-supplied products, from simple hose to complex wiring harnesses with multiple breakouts.

- High-temperature aircraft engine applications, both OEM and MRO
- AOG repairs of harness braiding with 24- to 48-hour turnaround
- FAA-certified repair station

We Are **Interconnect.**

At Amphenol CIT, we do more than make interconnect technologies for a spectrum of industries. We deliver the critical connections and products that make amazing performances possible.

Global Manufacturing. **Local Support.**

Wherever you are, so are we. With manufacturing centers around the globe, our highly qualified team is up to any challenge. Our extensive worldwide manufacturing capabilities, coupled with end-to-end local project management and engineering support, allow us to design, build, test, and certify your product in-house, saving you the time and hassle of managing multiple vendors.

CIS
Continuous Improvement & Sustainability

The Continuous Improvement System (CIS) serves as the driving force behind our sustained growth, excellence, and longevity. It forms the foundation of our commitment to continual enhancement and sustainability. Through CIS, we steer our strategic evolution, achieve annual cost efficiencies, and ensure alignment between business objectives and operational excellence.

At its core, CIS functions as our universal compass, fostering a shared language and transparent methodologies. It provides the framework to set the course for progress and equips us with actionable metrics to measure our journey. With CIS, we manage improvement systematically, ensuring timely resolution of challenges and nurturing a culture of stewardship and sustainability.

In essence, CIS embodies our ethos of relentless improvement, offering the structure and tools necessary to navigate the complexities of our evolving landscape while remaining true to our core values.

Key Continuous Improvement Efforts

- Employee Engagement
- Value Transition Planning
- Managing for Daily Improvement
- Enterprise-wide Lean Sigma
- Variation Reduction
- Supply Chain Excellence
- Engineering Excellence

Key Sustainability Efforts

- **Sustainability Initiatives:** Targeting waste and emission reductions for Amphenol CIT, customers, and the environment.
- **ISO 14001 Compliance:** Adhering to environmental standards, identifying and reducing waste and emissions.
- **ISO 50001 Energy Management:** Optimizing energy usage, transitioning to greener energy sources, and identifying energy conservation measures.
- **Reduce, Recycle, Reuse:** Implementing strategies to minimize waste and promote resource conservation.

Our Family of Brands

ECS · Thermax · Tensolite · TRI-STAR · LION PRECISION

FACILITIES CERTIFICATIONS

AS 9100 CERTIFIED · ISO 9001 CERTIFIED · ISO 14001 CERTIFIED · ISO 50001 CERTIFIED · FAA PMA · ITAR REGISTERED · Nadcap Administered by PRI

Visit our website to view certifications listed by site.

PRODUCT CERTIFICATIONS

RoHS COMPLIANT · MILITARY STANDARD MIL-STD COMPLIANT · c UL us LISTED · SAE INTERNATIONAL

Contact us directly for products engineered to your specific compliance needs.

HEADQUARTERS

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Let’s Connect!

@AmphenolCIT

Revolutionary Connectivity **Reimagined**

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