ASSEMBLIES
Avionics RF Assemblies
Leaky Feeder Assemblies
Low PIM Assemblies
Radio Altimeter Cable Assemblies
TCAS Cable Sets

Data Bus, Power & Video Assemblies
HDMI, USB 3.0, DVI, and Coax Digital Video Assemblies
Octax® High Speed Data Assemblies

Fiber Optic Assemblies
Gen Z High Speed Cable Assemblies
  » Support PCIe Gen 5 Speeds
  » Support SaAS, SATA, SATAe and NVMe Protocol signals
  » Right angle and Edge Mount type board side connectors

Harness Assemblies
High Density Coaxial Assemblies
  Core HC
    » Direct Attach Compression force type board interface
    » 2.92mm and 1.85mm cable side connectors; DC-65Ghz
    » Vertical, Edge Mount and Board to board options

  Core GD
    » SSMP type board side interface
    » 2.92mm and 1.85mm cable side connectors; DC-65Ghz
    » Vertical, Edge Mount and Board to board Options

HDSI® (High Density Shielded Interconnects)
  » STP, Ribbon Coax Assemblies

Power Feeder Assemblies
12 AWG to 4/0

RF/Microwave Assemblies
AccuPhase® Low Loss Coaxial Assemblies
Conformable - Semi-Flex®
Semi-Rigid
WorkHorse® Test Assemblies
Passive Probes
  » CAT II, CAT III and CAT IV Probes
  » Supports BWs up to 500 MHz
  » UL Certified

CONNECTORS
Avionics RF Connectors
ECS Avionics RF ARINC
ECS Avionics RF BNC
ECS Avionics RF C
ECS Avionics RF HN
ECS Avionics RF Specialty Connectors & Adapters
ECS Avionics RF TNC
ECS Avionics RF Type N
ECS Avionics RF SMA

Backshells
Compact D-Sub Backshells
EN4165/BACC65 Series
Flexible Backshells
Multi-Exit Angle
Straight Exit Angle
Universal Spring Latches

Data Bus Connectors
Octax™ In-Line
  » Plug
  » Socket with Latch
  » Socket without Latch
Octax™ Ganged, EPX, 38999 & EN4165

Digital Connectors
  » Card Edge Connector System supporting 25Gbps data rate
  » AltaVel Open Pin Field Interconnect System supporting 25Gbps data rate

EMI Protection & Transient Voltage Suppression
  Circular Filtered
    » MIL-DTL-26482
    » MIL-DTL-38999 Series I - IV
  D-Sub and Micro-D Filter Connectors
  EPX Filter Connectors
  Rectangular Filtered
    » ARINC 400
    » ARINC 404
    » ARINC 600
  TVS - Transient Voltage Suppression Connectors

RF/Microwave Connectors
Microwave Adapters
  » Between Series Straight Adapters
  » Right Angle & Straight In-Series Adapters
Phase Adjusters
  » Block Style Phase Adjusters
  » Phase Adjustable Adapters
  » Phase Adjustable Cable Connectors

Push-On Connectors
  » Multiport Blocks
  » SMP
  » SMP-L™ with Secure-Lok™
  » SSMP
  » TMP®
  » WMP®
  » XMP™

Precision RF Connectors
  » Field Replaceable Solderless Type
  » Solderable Surface Mount Type
  » 1.85, 2.4, 2.92 and 3.5mm Sizes
  » Vertical Flange Mount, Edge Launch Options

Swept/Radius Right Angle Connectors
Thread-On Connectors
  » 2.4MM
  » BNC
  » EPSMA™
  » K Connectors
  » SMA
  » SSMA
  » TNC
  » TYPE N

Specialty Connectors
CB/CBX All Plastic Connectors
CBC Galley Connectors
CLP/CLPP Circular Connectors
CQ Connectors
Terminal & Grounding Blocks

CONTACTS
Approvals for AS39029, EN3155, BACC47
Customs Design Contacts
Signal & Power Contacts
  » Crimp contacts
  » PC Tail contacts
  » Solder cup contacts
  » Wire Wrap contacts
Coaxial contacts
Thermocouple contacts

SERVICES
Aircraft on Ground (AOG)
Build-to-Print Manufacturing
Certification Services
European Part Approval (EPA)
Parts Manufacturer Approval (PMA)
Supplemental Type Certificates (STCs)
Aftermarket Component Engineering Services
Product Design
Qualification & Testing
Kitting Solutions
Aircraft Modification Kits
Fiber Optic Test & Inspection Kits
Custom Overbraiding Service
STRUCTURES
Antenna Mounts & Accessories
- Antenna Doubler and Adapter Plates
- Cable Feed Thru Assemblies
- FlightGear™ Blind Mate Antenna Connector
- Leaky Feeder Assemblies

ARINC LRU & Custom Enclosures
Custom Structural Components
- Circuit Breaker Protection
- Complex Machined Parts
- Intercostal and Secondary Structures

Instrument/Control Panels
- Backlit Switch Panels
- FlightGear® USB Power Port
- FlightGear® Smoke Detector Control Panels

Rack and Shelf Assemblies
- 19" Special Mission Racks
- Aluminum Equipment Racks
- Aluminum Equipment Shelves
- Composite Equipment Racks
- Overhead Stowage Bin Racks and Structures

Avionics Enclosures
- ARINC 600 Enclosures
ARINC 836A Enclosures
Custom Engineered Enclosures

Trays
- ABS 1699 Trays
- ABS 1876 Trays
- ARINC 404A Trays
- ARINC 600 Trays
Custom Trays and Mounts
Lightweight ARINC Trays

Tray Accessories
- Advanced Thumbscrew Hold-Downs
- Insertion-Extraction Hold-Downs
- Military Style Hold-Downs
- Negative Pressure Air Filtration Systems
- Positive Pressure Air Filtration Systems
- Sensors
- Stand-Offs

SYSTEMS
Automatic Dependant Surveillance Broadcast (ADSB)
EFB Electronic Flight Bag Systems
- EZMount® Tablet Cradle for use with iPad®
- EZMount® EFB Mounting solutions
  » Tilt, Pivot, slider, 3" Arm and 5" Arm
FlightGear® USB Power Port
FlightGear® Universal Tablet Cradle

Global Positioning System/Multi-Mode Receiver (GPS/MMR)

In-Flight Entertainment & Connectivity

SATCOM
ARINC 791 Installations
Electronically Steered Antenna Installations
Thermal Management Solutions
Traffic Alert & Collision Avoidance System (TCAS)

WIRE & CABLE
Cable Assembly & Repair
- Coaxial Cable Stripper
- Crimp Splices
- Heatless Crimp Slices
- Tie Cords & Lacing Tapes

Commercial UL/CSA Wire

Composite Aerospace Wire
- Seamless™ AS22759/80-/92 Wire
- Seamless-T™ AS22759/180-/192 Wire
- Tufflite® Aluminum - TLA
- Tufflite® Enhanced Normal Weight - ST
- Tufflite® European Metric - TLR
  » EN 2267-010 (DR)
  » EN 2714-013 (ML)
- Tufflite® Light Weight - SLT
- Tufflite® Normal Weight - TL
- Tufflite® Thick Wall - TLS

Fiber Optic Cable
- Fiber Optic Test & Inspecton Kits
- LITEflight® EP
- LITEflight® HD

Harsh Environment, Engine, Thermazone & SWAMP
EFGLAS Equipment Wire & Cable
ESW Firezone Specifications
MIL-W-25038

High Performance Coaxial
AccuPhase® Low Loss Cable
ECS Avionics RF Cable
MaxForm™ Formable Cable
MIL-C-17 Cable

High Speed Digital & Data Cable (Aerospace)
ARINC 629 Cable
CAN bus Cable
Fibre Channel
Firewire IEEE 1394
General Aviation Data Cable
Gigabit Ethernet Series
HDMI/DVI Cable
Maxflight™ Cable

Industrial Wire & Cable
Anode Cables for Cathodic Protection
PEEK Equipment Wire & Cable
Polyimide Equipment Wire & Cable
Thermocouple Cable

Mil-Spec Hookup Wire
- AS22759 Wire
- MIL-C-17 Coaxial Cable
- MIL-DTL-27500 Cable
- MIL-W-16878 Wire (NEMA HP3, HP4)
- MIL-W-25038 Wire
- MIL-W-81381 Wire
- MIL-W-81822 Wire

Speciality Cables
- Coil Cords
- Heating Cable
- Low-Noise Cable

See CarlisleIT’s line of products at:
CarlisleIT.com/products

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