



Product Overview

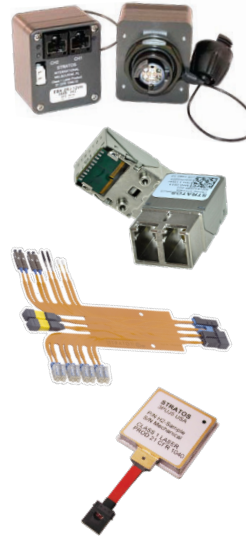


cinch
CONNECTIVITY SOLUTIONS
a bel group

belfuse.com/cinch

STRATOS

optical technologies



Optical Transceiver & Subsystems

- Low Rider Transceiver
- Active Bulkhead
- Quad Hybrid Transceiver
- Front Loader Transceiver
- Fiber Flex Optical Circuits
- Mini RJ Transceiver
- SFF/SFP Transceiver

MIDWEST MICROWAVE



RF Microwave Components

- Attenuators & Terminations
- Precision Adapters
- DC Blocks
- Equalizers
- Power Dividers
- Directional Couplers
- M3933 QPL Attenuators
- M39030 QPL Terminations
- Custom Parts

JOHNSON™



RF & Microwave Solutions

- 2.92mm, 2.4mm & 1.85mm RF Connectors
- SMA, SMB, SMC, QMA & Type N
- SMPM & SMP RF Connectors
- UMC, MMCX & MCX RF Connectors
- End Launch, Board Mount & Cabled Solutions
- Non-Magnetic RF Solutions
- Test Cable Assemblies
- High Frequency Adapters (Same Series & Between Series)
- Ganged Connectors & Board to Board Solutions
- Hardware (Banana Test & Tip Jacks)

Semflex

microwave solutions



RF/Microwave Cable & Cable Assemblies

- High Performance Bulk Cable
- Standard, Custom & Privately Labeled Bulk Cable
- Cable Assemblies & Connectors
- Adapters
- Vertically Integrated to Manufacture Cables, Connectors & Cable Assemblies
- Custom Parts

TROMPETER

RF connectivity



RF Connectors & Cable Assemblies

- Coax, Twinax & Triax Interfaces
- Custom Cable Assemblies
- Space Rated RF Connectors & Cable Assemblies
- Mil-Std-1553 Data Bus Connector
- Quick Lock, Threaded & Bayonet
- Twinax & Triax Patching Connectors
- Outside Plant & DS3 Products

AIM CAMBRIDGE



RF, CATV, Data/Telecom Connectors & Cables

- RF Connectors & Adapters
- 'F' Connectors & Adapters
- Audio/Video Connectors & Adapters
- D-Subminiature Connectors & Modular Adapters
- Coaxial Cables
- Network Cable Assemblies

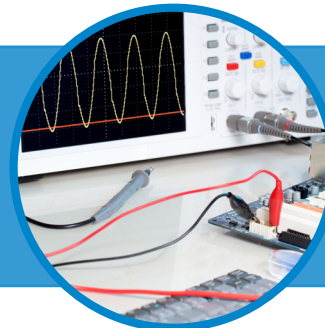
VITELEC®

ELECTRONICS



RF Connectors & Cable Assemblies

- Coax Connectors
- Adapters
- Connectpack
- Terminations



Omega



MIL-DTL-26500 Circular Connectors

- Threaded & Bayonet
- Square Flange
- Single-Hole Mount
- Self-Locking
- Vibration Proof
- Vibration Resistant

CINCH MIL/AERO Circulars



Mil/Aero Circular Connectors

- MIL-DTL-26482 & MIL-DTL-5015 QPL Listed Connector
- Commercial Versions Available
- D38999 PC Tail Connectors
- Buffet/Galley Connectors
- Filtered Connectors
- MD801 Connectors

Dura-Con™



MIL-DTL-83513 Micro-D

- High Density, High Reliability
- Multiple Aluminum & Plastic Shell Options
- High Performance Twist Pin Contact
- Custom Connectors & Cable Assemblies
- Hermetic, High Temperature Power & RF Combinations Available

FIBRECO

STRATOS

optical technologies



Fiber Optic Expanded Beam Connectors

- MIL-DTL-83526 QPL Listed
- Legacy Stratos HMA Connectors
- D38999 Style
- SM & MM
- Harnesses & Reels
- Variety of Shell Materials & Plating
- 2 – 16 Channels & Hybrids

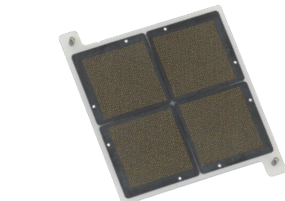
INDUSTRIAL CINCH



Military & Commerical D-Subs, Edge & Power Connectors

- Barriers
- D-Subs
- Edge Connectors
- Jones Plugs
- J-Type Connectors

CINCH APSE®



Compression Interconnects

- Solderless Surface Mount Connector
- High Density, 1.0mm Pitch between Contacts
- Reliable Under Extremely Rugged Conditions
- High Speed Contact (+50GHz)
- Available for PCB to PCD, IC to PCB & Flex to PCB

FQIS



Fuel Quantity Indicating System Wire Harness Assemblies

- Gas Tight Crimp & Solder Termination to Enhance Electrical Conductivity & Prevent Corrosion
- Superior Insulation for Increased Durability & Environmental Protection
- Lightweight Hermetically Sealed Spares Connectors
- Cinch Feed Through Connectors Reduce Replacement & Repair Downtime
- Modular Harness Design Increases Ease of Installation

c-enx™



EN 4644 Electrical, RF & Fiber Interconnect Solutions

- Next Generation Aerospace Connectors
- Shell Designed with Modular Inserts
- Stackable Shells for Optimal Space Savings
- Additional Space for Locking & Unlocking Connectors Not Required
- Shells Available in Aluminum or Composite Materials

C-DMX®



C-DMX™ ARINC 809 & EN4165 Modular Connectors

- Durability, design & materials
- Multiple inserts for signal, power, data & fiber
- Quick install, positive force, "snap" termination
- Compact and light weight
- EMI protection

ModICE®



Modular Connector Enclosures

- Ruggedized Connector Enclosures for Electronic Control Modules
- Sealed Header Systems (SHS) I/O Connectors
- Available in 18, 30, 48 & 60 I/O Configurations
- Multiple Header & Harness Connector Options
- USCAR 1.50mm Interface
- IP67/IP69



Innovative solutions for our customers’ rapidly changing requirements

At Cinch Connectivity Solutions, our product brands have established a proven track record of innovation & excellence in signal integrity.

Product Selection Guide

Connectivity Solutions	AIM-Cambridge	Cinch	Johnson	Midwest Microwave	Semflex	Stratos	Trompeter	Vitelec
Communications	●	●	●	●	●	●	●	●
Video Transport			●			●	●	
Medical		●	●	●				
Security	●	●	●		●		●	●
Military		●	●	●	●	●	●	
Aerospace		●	●	●	●	●	●	
Commercial Electronics	●	●				●		●
Harsh Environments		●		●		●		



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About Cinch Connectivity Solutions

For over 100 years, Cinch Connectivity Solutions has manufactured high quality and reliable high performance connectors and cable assemblies. Cinch is recognized as a world class connectivity supplier of RF, fiber optic, hybrid, microwave components, circular, d-subminiatures, modular, I/O enclosures, and cable assemblies. Cinch provides innovative solutions to the military, commercial aerospace, networking, telecommunication, test and measurement, oil and gas and other harsh environment industries. We aim to exceed our customers’ expectations and continually offer innovative solutions to the rapidly changing needs of the markets and customers we serve.

Along with our parent company, Bel Fuse Inc., our mission is to provide products and services using established quality standards and to meet our customer expectations. To fulfill this objective, we strive to produce components and assemblies that embody optimum levels of reliability and performance in their design, manufacture, and delivery. Cinch Connectivity Solutions has consistently proven to be a valuable supplier to the foremost companies in its chosen industries by developing cost effective solutions for the challenges of new product development.

For more information, visit belfuse.com/cinch

