

# About Cinch



## Innovative Interconnect Solutions Across the Globe

**Cinch Connectors designs and manufactures a broad range of interconnect products with facilities around the world.**

In operation since 1917, Cinch supplies high quality, high performance connectors and cables globally to the Aerospace, Military/Defense, Commercial Transportation, Oil & Gas, High End Computer, and other markets. We provide custom solutions with our creative, hands on engineering and end to end approach.

Our diverse product offerings include: connectors, enclosures and cable assemblies utilizing multiple contact technologies including copper and fiber optics. Our product engineering and development activities employ cutting edge technologies for design and modeling, and our various technologies and expertise enable us to deliver custom solutions and products for our strategic partnerships. We also serve a broad range of commercial markets, largely through our highly efficient Distribution network.

We aim to exceed our customer's expectations, and to continually provide innovative solutions to the rapidly changing needs of the markets, and customers, we serve.



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# Cinch Product Overview

## MIL-C-26500 – Cylindrical Connectors: Omega



- Meets all requirements of MIL-C-26500.
- Qualified to "9" Boeing BACC45/BACC63 specifications.
- Satisfies general requirements and unique product challenges for shielding, environmental sealing, fluid resistance, and vibration.

## Fuel Quantity Indicating Systems



- ISO9001, AS9100, BQMS D6-82479 Approved
- Certificate of Compliance
- Airworthiness Approval Tag (FAA Form 8130-3)

## Expanded Beam Fiber Optics



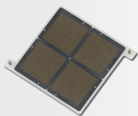
- Patented Active alignment production process to give superior performance
- Suitable for harsh environments
- Superior optical performance

## Microminiature-D Connectors: Dura-Con



- Meets and exceeds requirements for Mil-DTL-83513, available in all standard shell sizes and configurations.
- Available as part of harness assemblies manufactured by Cinch. Highly customizable to meet any application requirement.
- Hermetics available that meet 1X10-8 at half the cost and time of traditional hermetic solutions.

## CIN::APSE Compression Interconnects



- High-speed electrical performance
- Multi-point contact design
- Custom configurations

## Military Cable Assemblies



- Designed to operate in harsh environmental conditions when subjected to high vibrations, shock and temperature extremes
- Available in simple point-to-point to more complex harnesses with multiple branches as well as flex circuitry
- Over 25 years experience in designing custom micro harnesses

## MODICE™ Connector Enclosures



- Three Enclosure Sizes
- Interfaces with Cinch SHS Harness Connector
- Header modularity and blank headers offer design flexibility for alternate interconnects
- Simple Assembly

## 1.5 mm SHS Harness Headers & Connectors



- Rugged ECU interconnect
- Available in various color/keying configuration
- Interface to industry standard harness connectors

- Rugged sealed I/O connector for electronic control units
- Integrated Ferrite filter available
- Multiple sizes available

## Commercial Connectors



Standard Products include: D-Subminiature, Edge Connectors, Jones/J Plugs and Sockets, and Barriers.