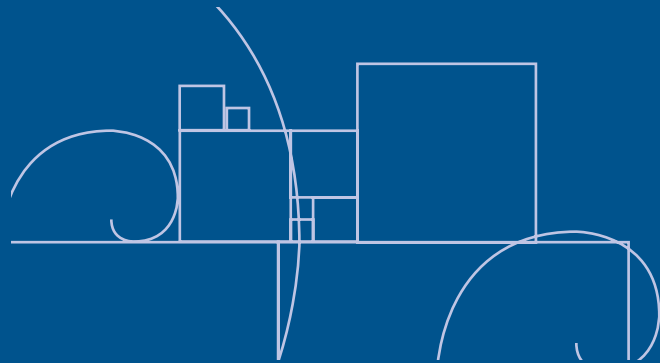
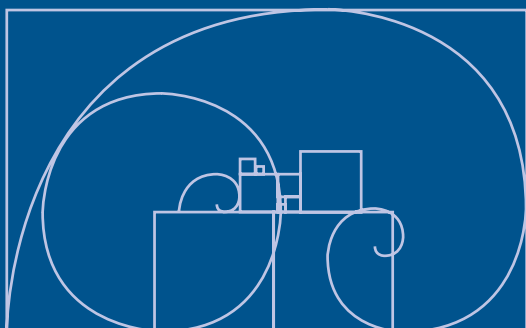
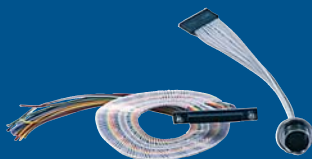


Cinch



Cable Assemblies



When Your Application Demands . . .

. . . just the right solution, look toward Cinch. We have been a provider of complete engineered solutions in cable assemblies for over 20 years. As one of the most respected interconnect manufacturers, we will serve your specific needs that commercial cable houses cannot satisfy.

Proven Excellence

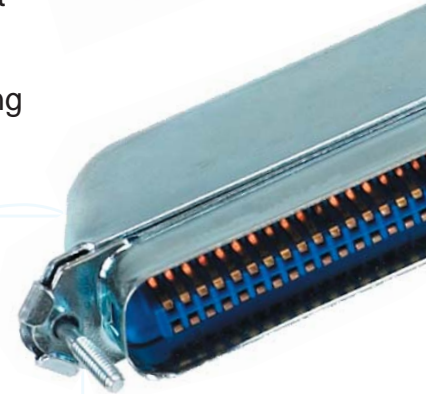


For over 70 years, Cinch has been a reliable supplier of a variety of quality connector products to various industries. Our leading edge products are used in the Telecommunications, Mil/Aero, Automotive and high performance Computer markets.

Cinch has applied its extensive expertise in interconnection technology to engineer and manufacture cable assemblies and

wire harnesses of various complexities using state-of-the-art technology and tooling. Mechanical design is accomplished using Pro/E® 3D solid modeling, AutoCAD® and Solidworks® supported by nonlinear and linear Finite Element Analysis, and Mold Flow software. Our engineers utilize in-house capabilities in high frequency interconnect simulation, Spice model generation and high frequency testing to develop the optimum product.

All products are validated in Cinch's First Article, mechanical, electrical, and environmental test facilities ensuring the finished products meet our customers' most stringent specifications.



Committed To Quality



Your cable assemblies and harnesses will be manufactured in state-of-the-art facilities that are committed to customer satisfaction and continuous improvement.

Our facilities are fully equipped with:

- Computerized cable cutting and trimming.
- Highspeed termination equipment including Cinch's AutoCinch machines.
- Overmolding presses.
- Testing equipment:

RF high potential
VSWR

Insertion loss
Continuity

Our diverse line includes: IDC, Filtered, Crimp and Poke, Shielded, Overmolded, Multi-Legged, and numerous coaxial products.

Cinch's Manufacturing plants are ISO 9001 and QS9000 certified. AS9100 certification pending.



Telecom / Commercial Applications and Types

Cable assemblies are an essential part of Telecommunication equipment and infrastructure. When you are looking for a supplier, you will be looking for experience, broad capabilities and reliability.

You will be looking for Cinch.



Applications

Twisted Pair Assemblies

- Telephone (Copper Wire)
 - Transmission/Switching
 - Premise Wiring
- Telephone (Wireless)
 - Headend Equipment
- much more . . .

RF/Coaxial Assemblies

- Telecom Systems
- Video transmissions
- Cellular Base Stations
- Antenna Systems
- CATV
- much more . . .

Connector Types:

Twisted Pair with:

- Miniature Ribbons
 - Metal Shell
 - Plastic
 - Standard
 - Custom
 - Overmold
- D-Subminiature
 - Metal Shell
 - Standard
 - Custom
 - Overmolded

Coaxial with:

- Standard
- Miniature
- Subminiature
- Custom

Other Types of Cable Assemblies

Transportation Harnesses (Q59000 Certified)



Cinch designs and manufactures harnesses for speciality applications. Pictured are typical harnesses using custom connectors and overmolded pass-through grommets.

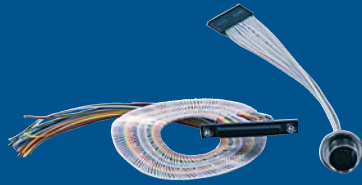
Applications

- Automotive
- Actuator
 - Motors
 - Sensors

Types

- Jumper Harnesses
- Sealed and Unsealed
 - Custom & Standard Connectors
 - Overmolded

Military & Commercial Aircraft (BQMS D6-82479 Approved)



Cinch manufactures harness assemblies for a variety of military applications. Pictured are typical harnesses using microminiature connectors for major missile programs.

Applications

- Missile, Seekers and control units
- Smart Munitions
- Guided Munitions
- Electronic warfare
- Support Combat electronics
- General Avionics
- Inseat IFE equipment
- Commercial and Military Gyros

FQIS Assemblies (BQMS D6-82479 Approved)



Cinch manufactures a series of high performance wire harness assemblies qualified for the critical application of aircraft Fuel Quantity Indication Systems.

Applications

- In-tank qualified harnesses feature aluminum shell hermetic receptacles.
- Shielded and grounded out-tank harnesses and bussing plugs

Feature

- Gas tight crimp and solder terminations to prevent fuel wicking through wires.

Call Your Local Sales Representative

For technical or ordering information relating to our Cable Assemblies, contact our Customer Service Department at 1-630-705-6000 or your local sales representative.

Cinch

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Lombard, IL 60148-4890

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