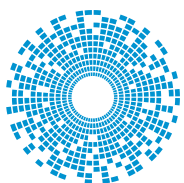


SPARES DIRECTLY FROM THE SOURCE

Aftermarket Support

As a global leader, Cinch Connectivity Solutions has provided superior performance and long term reliability for 100 years. Cinch Connectivity Solutions is an OEM of high performance wire harness assemblies and connectors, qualified for the critical application of Boeing aircraft systems.



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CONNECTIVITY SOLUTIONS
a bel group

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Fuel Quantity Indicating System

FQIS

Cinch is the original equipment manufacturer of high performance wire harness assemblies qualified for the critical application of aircraft Fuel Quantity Indicating Systems (FQIS).

- As a global leader, Cinch has provided superior performance and long term reliability for over 100 years.
- Cinch is committed to excellent service and rapid turnaround on quotes and delivery.
- Cinch has an experienced engineering and manufacturing team.
- Our on-site laboratory is equipped to perform development, qualification and testing certification.
- Cinch is a multi-national manufacturer with state of the art facilities throughout the world.



Your Direct Source for FQIS Products

Specialized Applications:

- In-tank qualified harnesses feature aluminum shell hermetic receptacles.
- Shielded and grounded out-tank harnesses and bussing plugs.
- Custom designed products with high reliability configurations in harsh environments.

Harness Features and Benefits:

- Gas tight crimp and solder termination to enhance electrical conductivity and prevent corrosion.
- Superior insulation for increased durability and environmental protection.
- Lightweight hermetically sealed spar connectors.
- Cinch feed through connectors reduce replacement and repair downtime.
- Modular harness design increases ease of installation.



Certified Quality Management System

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

Harness Part Numbers

Cinch Series*	Boeing Series*	Aircraft
CN0940-	10-60479-	Boeing 707, 720, 727, and 737
CN0945-	10-61757-	Boeing 727
CN0946-	10-61827-	Boeing 737
CN0941-	60B40037-	Boeing 747 Classic
CN0958-	60B40147-	Boeing 747 Classic
CN1159-	S283A202-	Boeing 737NG and 737 Max
CN1156-	S283T025-	Boeing 757 and 767
CN1036-	S283U007-	Boeing 747-400 and 747-800

*Part prefix, actual part number will have a one, two or three digit suffix

C48 Circular Connectors

Omega

The C48 (Omega) Series is a family of connectors qualified to MIL-C-26500. While maintaining the MIL-C-26500 mating interface, this product has also been expanded to include qualifications to numerous Boeing specifications to satisfy general purpose requirements and unique product challenges for shielding, environmental sealing, fluid resistance, and vibration. The expanded Cinch C48 product family offers numerous product options qualified to Boeing high performance requirements and product solutions developed for alternate termination styles/low-profile packaging.

Key Features

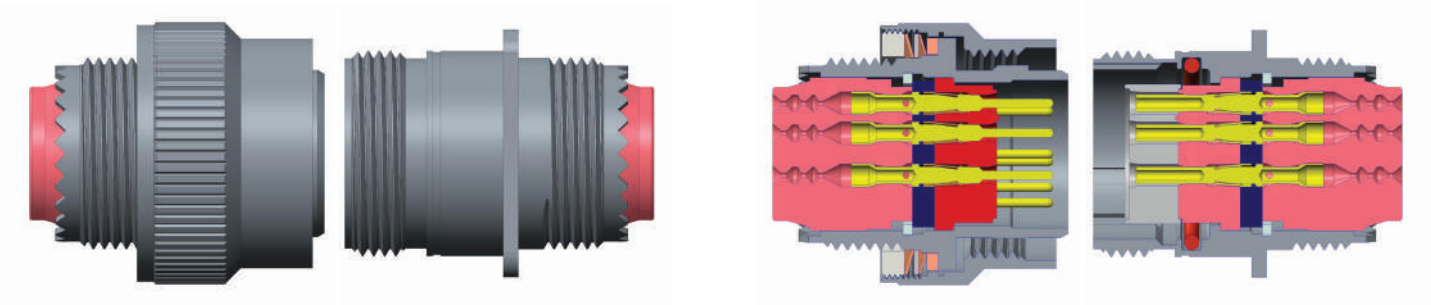
- Full performance in extreme environments
- Wide variety of configurations

Qualifications

- Mil-C-26500; USAF Specification
- BACC45; Boeing General Purpose Connector
- BACC63; Boeing High Performance Connector

Certified Quality Management System

- ISO9001
- AS9100
- Certificate of Compliance
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C48 Omega Product Parameters

Military Designation MS24264 Square Flange Receptacle, MS24265 Single-Hole Mounting Receptacle, MS24266 Straight Plug

Boeing Designation BACC45FS, BACC45FT, BACC45FM, BACC45FN, BACC63CB, BACC63CC, BACC63BP, BACC63BV, BACC63B

Shell Size 8, 10, 12, 14, 16, 18, 20, 22, 24, 28

Contact Style Pin or Socket

Coupling Style Bayonet or Threaded

Buffet / Galley Connectors

CINCH MIL/AERO
Circulars

The Buffet (Galley) Connectors are recognized as the industry standard by airframe and Galley equipment Manufacturers worldwide.

Cinch Connectivity Solutions is a leader in quality and innovation in manufacturing this extensive line of connectors. Manufactured using FAA approved Quality Assurance Procedures (FAR Part 2). Cinch's Buffet (Galley) Connectors have PMA designations.

Key Features

- Recognized as the industry standard Connectors, Receptacles and Plugs by airframe and Galley equipment Manufacturers worldwide
- Manufactured using FAA approved Quality Assurance Procedures (FAR Part 2)
- Also available in crimp and solder versions

Certified Quality Management System

- ISO9001 
- AS9100 
- Certificate of Compliance



c-enx™ EN 4644 Electrical & Fiber Interconnect Solutions



The c-enx™ series offers a wide range of solutions based on two insert sizes with a large variety of shells and contacts. The series is standardized by the EN 4644 European Standard.

Available with Cinch EBOSA™ Expanded Beam Technology Expands and collimates the optical beam up to 2000 times the original beam size making airborne dirt nearly benign to beam continuity and integrity. Our patented active alignment technology aligns a standard LC ferrule to Cinch's EBOSA™ with ultra-high precision. This results in insertion loss and reflectance performance that can exceed the specification for customer specific applications for expanded beam connectors.

Key Features

- Slim, completely modular and expandable
- A and B Series available
- Intermateable with BACC65 EN 4644 Connectors
- Available in aluminum, stainless steel or composite materials
- Shell design with high contact density
- Stackable shells do not require additional space for locking and unlocking connectors



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