

Advanced technology and performance.

Cinch Connectivity Solutions delivers custom-engineered connectivity products and solutions with best-in-class service and support with customer focused capabilities such as quick-turn prototyping, samples and supply chain management make us a vendor of choice. Our connector manufacturing capabilities include a 24/7 capability for Precision CNC Machining, threading, milling, knurling, cross hole and electro-barrel plating. Our manufacturing process includes mechanical assembly, automatic PLC controlled and semi-automatic with custom nesting fixtures. In addition each of our factories has cable assembly production lines in which we can produce both small and high volume runs of RF Flexible Coaxial Cables, Semi-Rigid Coaxial Cables with Precision Forming, Telco, LAN and Computer Cable assemblies.

RF and Microwave Cable Assemblies

Cinch Connectivity Solutions has a wide range of cable assemblies suited for RF and microwave signal transmission. Cinch Connectivity Solutions is a vertically integrated supplier of custom, fixed length and semi rigid cable assemblies from DC to 50 GHz. We can create custom cable assemblies to satisfy your specific application requirements, also with manufacturing in the United States, United Kingdom and China; we have a cable assembly to meet any price requirement.



High Performance RF and Microwave Cable Assemblies

Cinch Connectivity Solutions manufactures Semflex High Performance RF & Microwave cables, using the latest manufacturing techniques. Our vertically integrated business model ensures that our customers receive quality product at their performance expectations.



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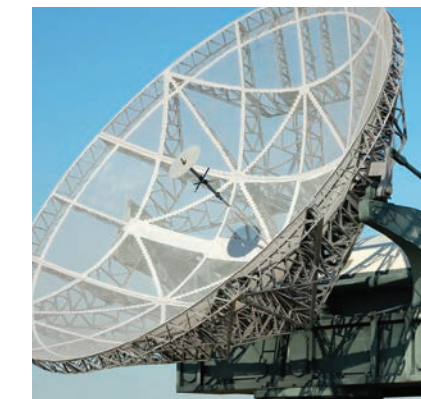
Innovative Interconnect Solutions Across the Globe

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. For more information, visit cinch.com

HIGH PERFORMANCE RF, MICROWAVE & TWINAX/TRIAX CABLE ASSEMBLIES



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HP Series

HP high performance cable is the industry standard and best-selling for low loss phase-stable cable assemblies in communication, test and mil/aero markets.

- Shielding effectiveness > 90 dB
- Frequencies up to 55 GHz
- Operating from -65°C to +200°C
- Better radial torque resistance and connector pull-off strength than helically wrapped braid designs.
- Low insertion loss and VSWR
- Fully customizable cable assemblies with mated connectors to meet all customer specifications of length, testing, phase matching, labeling and more.



LA Series

Low Attenuation - when the absolute lowest insertion loss is critical, these cable assemblies deliver. Suitable for instrument grade applications such as PNA/ VNA network analyzers.

- Cable construction was developed to offer both low attenuation and excellent phase stability
- Specifically matched to the maximum frequency ranges of popular connector series



Armored Cable Options

The ultimate in ruggedization is available in all HP and LA cable diameters.

- Nomex and Stainless steel armoring provide 300 pounds per linear inch of protection
- Polyurethane coated stainless steel armoring, provides great flexibility and protection.



SW Series

- Improved performance over RG cables
- Lower cost option from HP cables, with double braid and simplified connector attachments



KW Series

- Superior flexibility - easily hand formed
- High power ratings up to 15kW



SM Series

- Replacement for semi-rigid cables
- Ideal for DC to 18 GHz applications where compact or densely spaced



Semi-Rigid & Conformable

- Sizes from 0.047", 0.086", 0.141" and 0.250"
- Automated bending and refined processes increase product quality and reduce cost



HPT Test Cable Assemblies

- Test cable assemblies with excellent stability and low insertion loss, support to 50GHz



Custom Cable Assemblies

Cinch Connectivity Solutions has an extensive portfolio of connectors and diverse cable assemblies. Our product capabilities include special cable sizes, PC board terminations, adapters, antenna connectors, multi-packs, calibration terminations and hardware. This teamed with our design expertise will deliver your custom cable assembly development.

Available Connector types:

- 2.4 mm, 3.5 mm, 2.92mm, 7mm, 7/16 DIN, BNC, MMCX, MCX, SMA, SMB, SMC, SMK, SMP, SMPM, TNC, Twinax/Triax, Type N, UMC, WMC and more



RF Connectors

- Leader in all sub-miniature connectors: SMA, SMB, SMC, SMK, SMP, SMPM, and kwiQMate
- Supporting wide variety of interconnect types including MCX, MMCX, Type N, UMC, and WMC
- Growing portfolio of adapters to support intermateability of SMA with SMB, MCX, & MMCX
- In stock with our distribution partners.



Precision Ganged Connector and Cable Assemblies

- Precision CNC-machined, modular ganged connectors in any configuration
- Allows a reduction of mechanical interfaces
- Center screw and guide pins guarantee error-free blindmate connectivity
- Perfect for applications with tight packaging requirements



Fixed Length Cable Assemblies

- Popular connectors including SMA, MCX, SMB, Type N, BNC
- Available in RG cable styles – 50 and 75 Ohm cables
- In stock with our distribution partners.



CNC Automated Semi-Rigid Cable Bending

Programmable for:

- Reduced set-up time
- Automated for reduced variation
- Improved recycling.



DS3 Patch Cords

Cable Options: 734 and 735 cable. Single and Dual, with or without tracer, 3,6, 9, and 12 pack. Connector Options WECO, Mini-WECO, BNC, and more.



1553 Data Bus Harness

Multi-pin options include: D38999, MS27467, D-Sub, SCSI and many more. Custom circuitry, grounding, shielding, overbraiding and marking available.



Coax Patching

High quality BNC, RCA, WECO and Mini WECO patch cords are available in popular lengths and colors to suit your specifications.



Twinax/Triax Assemblies

Twinax and triax patching and cable assemblies featuring M49142, M39029 and a wide variety of commercial connectors. Pin/socket insert assemblies from combo D-Sub and DIN to size 8 circular.



Coax Harness

Shielded/coaxial cables for D-Sub or almost any multi-contact connect style, with standard or combination-coax arrangements.