



Save Time. Reduce Risk. Get Back to What Matters.

Amphenol TPC Wire & Cable Custom Cable Assemblies

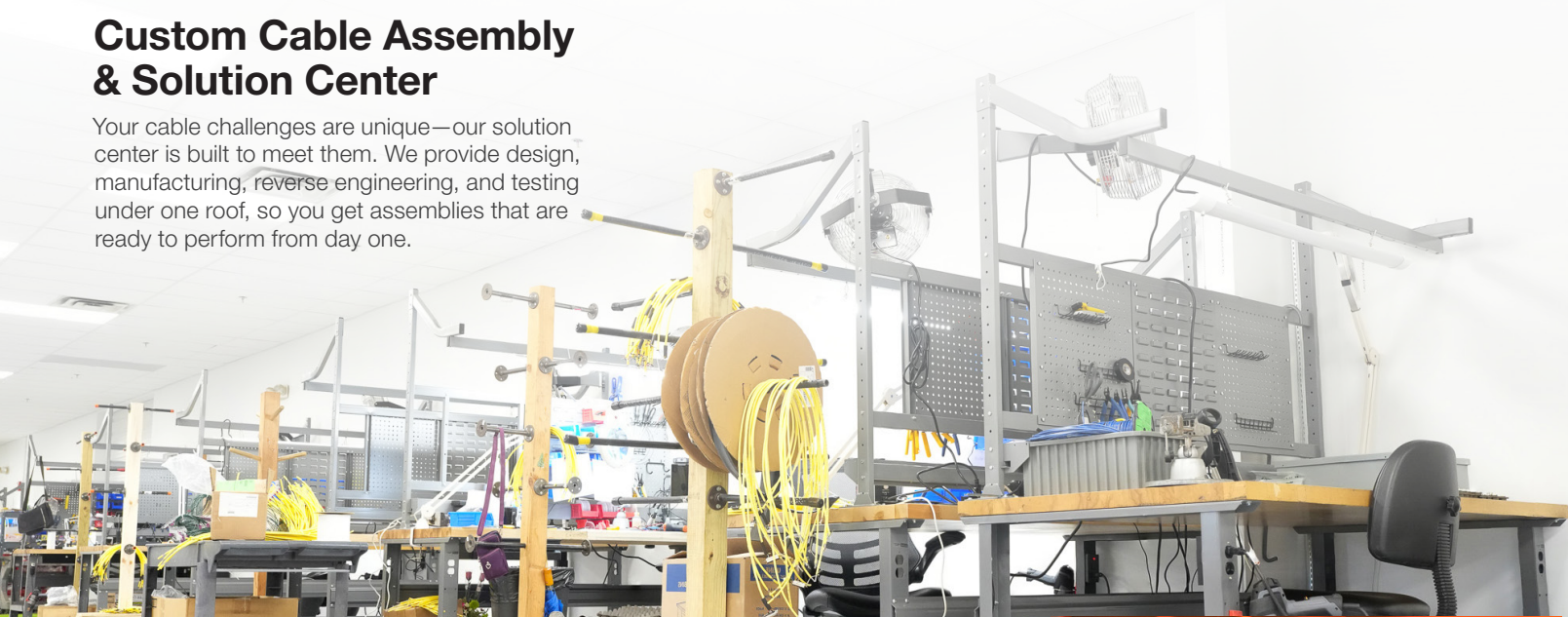
Focus on Critical Maintenance— Not Soldering & Crimping

Your skilled maintenance team is stretched thin as it is—handling urgent equipment breakdowns, planned outages, inspections, and installation projects. Building cable assemblies in-house pulls valuable labor away from where it's needed most. Outsourcing cable assemblies to ATPC gives you back time, increases quality, and ensures faster deployment.



Custom Cable Assembly & Solution Center

Your cable challenges are unique—our solution center is built to meet them. We provide design, manufacturing, reverse engineering, and testing under one roof, so you get assemblies that are ready to perform from day one.



Our Capabilities

Design to Specification

Build-to-print, reverse engineering, or complete design assistance from our technical team.

Broad Cable Size Range

From 26 AWG to 750 MCM, with voltage ratings up to 15kV.

Connector Expertise

Cam-Lock, pin-and-sleeve, quick-connect, and proprietary connectors.

Environmental Sealing

IP69K-rated assemblies for watertight, dust-tight performance.

Performance Testing

Continuity, polarity, hipot, and pull testing to ensure safety and reliability.

3D Printing

Enables rapid prototyping for custom solutions.

Labeling & Traceability

Heat shrink, color coding, and barcoding for fast identification and repeat ordering.



Our Value Add

Faster Turnarounds

Reduce downtime with assemblies that arrive ready to install.

Labor Savings

Free up your maintenance team for urgent site repairs instead of shop work.

Reduced Risk

Every assembly is thoroughly tested and inspected to minimize the risk of failures in the field.

Repeatable Quality

Once we build it, we can reproduce it exactly—ensuring consistent performance across your fleet or facility.

Enhanced Durability

Extend the lifespan of your assemblies with our high-quality cables, durable molding and epoxy seals, and custom backend designs engineered for maximum protection and performance.



Common Assembly Types

Our cable assemblies are built to handle tough environments and critical applications. Each is engineered to meet your specifications and deliver long-lasting performance in the field.



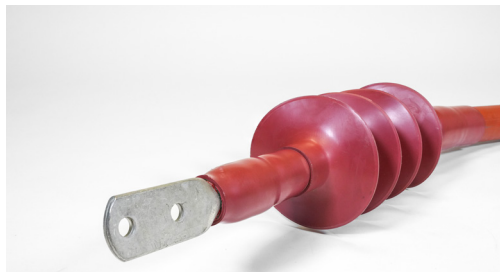
Cam-Lock Assemblies



**Circular Connector Assemblies
(M8, M12, M16, M23, and Mini)**



Cordsets



Heavy-Duty Lug Terminations



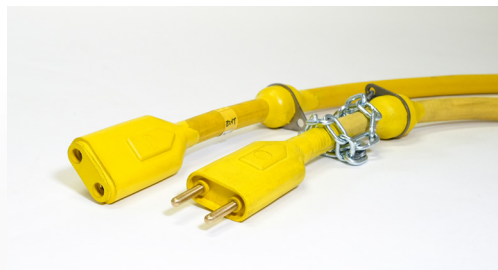
Medium Voltage Terminations



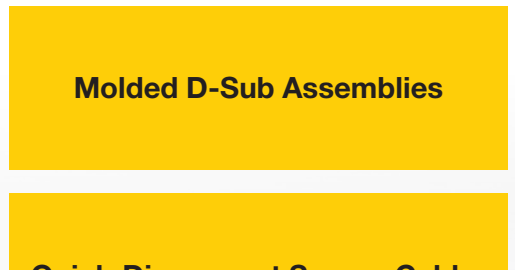
Molded Assemblies



Molded Military Connectors



Power Assemblies



Molded D-Sub Assemblies



Quick-Disconnect Sensor Cables



In-House Builds vs. ATPC Cable Assemblies

	Build In-House	ATPC Pre-Built Assemblies
Labor	Ties up skilled maintenance technicians	Frees labor for critical maintenance and installs
Consistency	Depends on tech skill, tools, and time	Precision-built, quality-inspected assemblies every time
Speed	Delays due to part ordering, crimping, and troubleshooting	Ships ready to install—no assembly, no rework needed
Tools & Inventory	Requires crimp tools, cable stock, connector kits	No tooling or inventory burden
Testing	Often skipped or limited to continuity	100% tested for continuity, polarity, and pull strength
Documentation	Rarely documented for repeatability	Fully labeled, traceable, and spec-confirmed builds

Value to MRO Teams

Reallocate Labor

Focus your team on urgent site issues, not connector pin-outs and continuity checks.

Faster Turnaround

Reduce downtime and startup delays with plug-and-play assemblies ready to go.

Higher Quality, Lower Risk

Every ATPC assembly is built in a dedicated shop with professional tools, quality control processes, and performance-tested standards.

Simplified Reordering

Once we build it, we can track it, label it, and repeat it—making spares or replacements a breeze.



The Bottom Line

When uptime, safety, and labor efficiency matter, don't spend hours building what you can plug in.

Let ATPC build your cable assemblies—so your team can stay focused on the field.

Contact us today for a quote or to discuss your custom cable build.



Headquarters
9600 Valley View Rd.
Macedonia, Ohio 44056

USA 800-521-7935 / **Fax** 866-528-2930
Canada 800-545-0122
Mexico 001-877-283-1696
Chile 1230-020-0229
Columbia 0-1-800-915-7519
Peru 0800-54863

tpcwire.com



WARRANTY AND DISCLAIMER: Seller makes no warranties, express or implied, with respect to this product, and seller disclaims any implied warranties of merchantability or fitness for any particular purpose. Further, seller will not be responsible for any consequential, incidental or indirect damages (including, but not limited to, any loss of profit) from any cause whatsoever.

ATPC1850 © Copyright 2025 by Amphenol TPC Wire & Cable. All rights reserved.

No portion of this publication, whether in whole or in part, can be reproduced without the express written consent of Amphenol TPC Wire & Cable.



FS 35910