

MEDICAL CAPABILITIES

Custom Medical Wire, Cable, Connectors, and Cable Assemblies

Minnesota Wire is a custom contract manufacturer that proudly services customers from start-ups to industry leaders. We produce everything from prototypes for testing to mass production of your final custom cable assemblies and wire.

Our Expertise Includes

- Electrical Signal Integrity (SI) and EMI Shielding
- Low-Noise Medical Wire and Cable
- Carbon Fiber Wire for Imaging
- Innovative Connections for Wearable Electronics and Patient Monitoring Systems

Capabilities:

- Assembly
- Cable Coiling
- Extrusion
- Fine Braiding/Shielding
- Cut & Strip
- Micro Crimping & Termination
- Molding
- Prototyping
- Automated Crimping & Termination Soldering
- Assemblies with Printed Wiring Boards

Certifications:

- ISO 9001: 2015 Certified
- AS9100 Rev D Certified
- ISO 13485: 2016 Compliant
- RoHS Compliant
- IPC/WHMA-A-620 Requirements & Acceptance for Cable and Wire Harness Assemblies

Over Molded Connectors

Our in-house tooling department can match or custom build molds for various needs, whether starting from scratch or reverse-engineering products. Our engineers and tooling department have you covered.



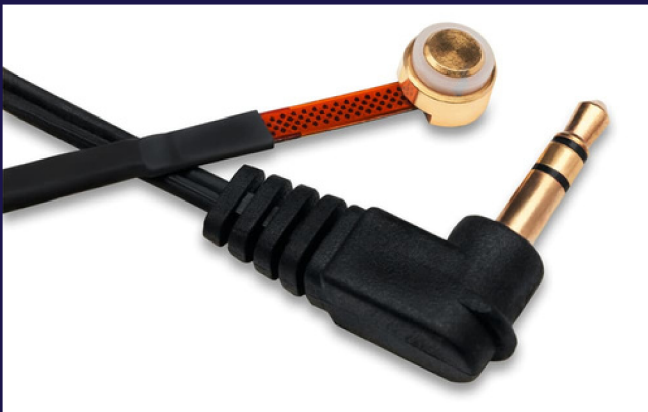
In-House Tooling and Rapid Prototyping

With in-house tooling and rapid prototyping, we swiftly launch new projects. Our high-volume and lean production capabilities ensure efficient custom medical wire and cable assembly production to meet your quantity and time frame needs.



Complete Electrical Solutions

With our engineering and R&D capabilities, we develop innovative solutions for challenging medical wire and cable applications. Our test and measurement capabilities ensure that every medical wire, cable, cable assembly, and connector meets or exceeds your expectations



Custom Contract Manufacturing

We use in-house tooling and rapid prototyping for swift project initiation. Our high-volume, lean production enables the efficient manufacture of custom medical wire and cable assemblies to meet your quantity and time frame requirements.



Learn more about
how we can help:



Carbon Fiber Wire for Imaging

Designed for disposable AED electrodes, these specialized wires are nearly invisible on x-ray and imaging equipment, eliminating the need to remove them before imaging.

