Minnesota Wire has been engineering and manufacturing custom solutions for complex cable assemblies since 1968. We are a full-service development and manufacturing house for wire, cable, harness, and interconnect assemblies. We provide “Life Saving Connections” to the medical, defense, aerospace, and commercial markets.

36 Years Designing Medical Devices

Complete Electrical Solutions, including Extrusion, Terminations, and Connectors

Engineering and R&D Center

In-House Tooling and Rapid Prototyping

Test and Measurement Facilities

EMC Chamber and 3 In-House Labs

High-Volume and Lean Production

ISO and In-Process Quality Systems

Robotic Termination

Program Management

**CERTIFICATIONS**

ISO 13485: 2016 Compliant

ISO 9001: 2015 Certified

AS 9100 D Certified

**Company Overview**

iSTRETCH® is an electrical conductor that stretches and returns to its original size. It will stretch 40% while maintaining electrical properties.

iSTRETCH cables have increased flexibility and durability over standard cables.

Up to 40% elasticity makes full range of motion possible without affecting electrical signal integrity, electrical resistance, or conductivity.

Unchanged current resistance as compared to standard wire.

iSTRETCH is available in 20 to 36 AWG and flex circuits.

Design enables from one to seven primary conductors.

Multiple jacket materials are available.

iSTRETCH is RoHS compliant, lightweight, and washable.

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An Ultra Low-Power Accelerometer
Perfect For Wearables

mCube is the provider of the world’s smallest MEMS motion sensors, key enablers for the new Internet of Moving Things (IoMT). Virtually anything that moves can take advantage of a motion sensor, creating a huge market opportunity for MEMS manufacturers. By 2020, analysts predict more than 50 billion devices will be connected to the Internet and a large percentage of those devices will be in motion. From smartphones to tablets, from gaming devices to augmented reality experiences, from smart clothes to wearables, a plethora of new applications are coming to market that will further transform the way consumers live and businesses operate.