

# Medical Cable Assembly

Custom Interconnect Solutions



**Operating Room**



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**Circulatory Assist**



**Imaging**

## Capabilities

Winchester Interconnect is an ISO 13485 certified world-class leader in the design, development, and deployment of medical interconnect technology. Winchester provides unparalleled engineering expertise in the following areas:

- Cable design and manufacture
- Connector design and manufacture
- Custom overmolding
- Non-magnetic connectors, cables and assemblies
- Non-magnetic verification resonance and matched impedance tuning
- Disposable/Reusable cable designs
- Low noise shielding
- High temperature insulators
- Hi-Flex and long-life cable designs
- Soft and flexible limp cable designs comfortable for the patient to wear
- Special colorants for color-coded cables
- Connectors and cables that withstand sterilization procedures
- Serialization and lot control
- Statistical process control

## Applications

- X-ray & Magnetic Resonance Imaging (MRI)
- Circulatory Assist Devices
- Left Ventricular Assist Devices (LVAD)
- Defibrillators
- Pulse Oximeters
- Patient Monitoring Equipment
- Medical Diagnostic Equipment
- Medical Imaging
- Ultrasound Probes
- Custom Made Assemblies

## The Winchester Advantage

- World-Class Manufacturing Facilities
- Global Footprint
- Quick-Turn Prototyping
- Unparalleled Engineering Expertise
- Custom Designs and Solutions to Reduce Costs Without Compromising Quality
- Quality Assurance
- Global Supply Chain
- Customer Service Excellence

 **Winchester**  
Interconnect.

*We Energize Innovation.*



Junction Molds

## Custom Overmolding

Winchester specializes in medical application overmolding, using the most durable raw materials to withstand the harsh conditions of repeated sterilization of EtO, Autoclave, and Gamma methods.

### Overmolding Materials:

- Polyvinyl Chloride (PVC)
- Polypropylene (PP)
- Polyethylene (PE)
- Santoprene (TPV)
- Acrylonitrile Butadiene Styrene (ABS)
- Thermoplastic Polyurethane (TPU)



Color Match

## Power Solutions

When it comes to powering critical medical applications, Winchester's quality, performance, and dependability are what sets us apart from our competitors.



Overmolded Components

Winchester supports a range of power solutions from simple single conductor, high power cable to complex multi-conductor connectorized power cords.



Power Solutions

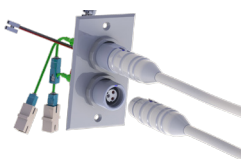
## Certifications

Certification	Description
AS 9100	Aerospace Quality Management System
ISO 13485:2003	Medical Device Quality Management System
IPC/WHMA-A-620 (Class 3)	Requirements and Acceptance Standards for Cable and Wire Harness Assemblies
ISO 9001:2008	Quality Management Systems
OHSAS 18001:2007	Occupational Health and Safety
ISO 14001:2004	Environmental Management System



Custom Overmold

Winchester supports Class III medical devices and complies with FDA 21 CFR Part 820



Custom Solutions



- Bomar
- Continental
- SRC Haverhill
- SRI Connector Gage
- SRI Hermetics
- Tekna Seal
- Winchester



Winchester products are now under the Win™ brand from Winchester Interconnect.