



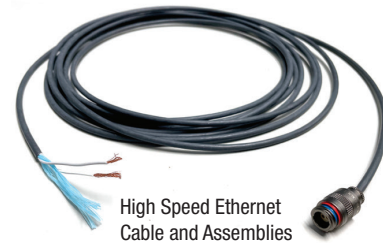
Your Partner for CUSTOM CABLE Solutions



BioCompatic® Silicone Alternative
Medical Grade Cable



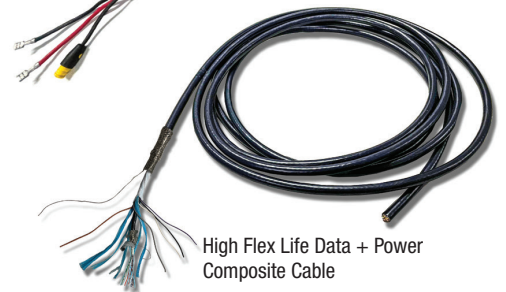
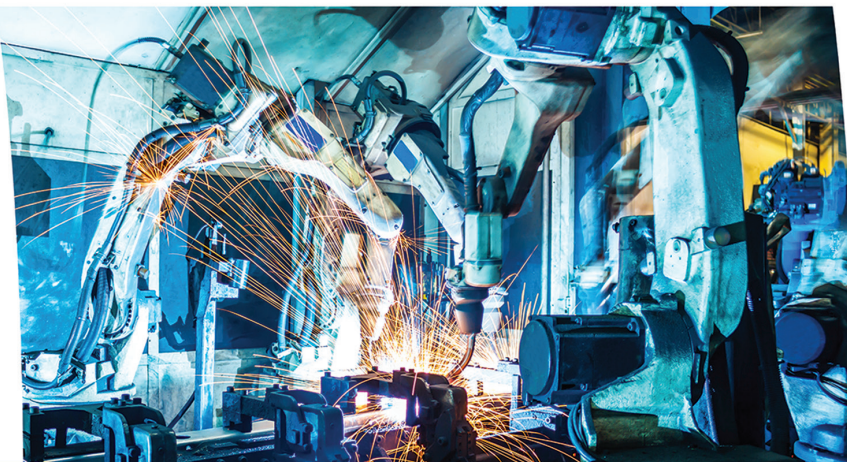
High Speed Fiber Optic
Data + Power Hybrid Cable



High Speed Ethernet
Cable and Assemblies



Custom Retractable Coil Cord
Cable and Assemblies



High Flex Life Data + Power
Composite Cable

Design Engineering & Quality Cable Manufacturer
ISO 9001 | AS9100D | ISO 13485 | ISO 17025 Qualified

Learn More
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Capabilities and Services

- Technical Cable Design Engineering Expertise
- Research and Development
- Project and Program Management
- Procurement and Supply Chain Optimization
- Co-Extrusion
- High Mix, Low Volume to Low Mix, High Volume
- Prototype Assistance

Custom Technical Products

- Wire | Cable
- Composite Cable
- Hybrid (Fiber Optic/Copper) Cable
- Retractable Coil Cords
- Connectors
- Assemblies
- Harnesses

Compliance

- RoHS3, REACH and Conflict Minerals Compliant Materials
- Food Grade | FDA Approved Materials
- USP Class VI Approved
- IPC-A-610 | IPC/WHMA-A-620

Quality Management Systems

- ISO 9001:2015
- AS9100D:2016
- ISO 13485:2016
- ISO 17025:2017 Qualified

Independent 3rd Party Test Protocols

- UL® | ANSI® | CSA® | cUL® | CE®
- NFPA® | ABS® | IEEEE® MSHA®

Aesthetics or Personalization

- Proprietary Designs
- Private Labels
- Custom Legends
- Custom Colors
- Color Coding
- Custom Cut
- Strip Bar Coding
- RFID Tags
- Mil Spec
- Packaging



NORTHWIRE[®]
INC

A LEMO Group Company

Capabilities

Conductors

- 2 – 38 AWG
- Copper
- Plating | Tin | Silver
- Specialty Alloy
- Carbon Fiber

Fiber Optics

- Single-Mode Fiber
- Multi-Mode Fiber

Stranding Options

- Bunched | Concentric | Unilay | Rope Lay

Tubing

- Nylon | PE | PVC | PUR

Fillers

- PP | TPES | Nylon | Cotton | Paper

Shielding- EMI/RFI Protection

- Braid | Basket Weave | Spiral | Serve
- Copper | Stainless Steel

Solutions with Increased Strength

- Aramid | Carbon
- Flame Resistant Meta-Aramid Fiber
- Galvanized Carbon Steel
- Glass Reinforced Plastic

Tape and Paper Separation Options

- FEP | Foam PP | Paper | TPES | PTFE
- Spun Nylon | Aluminum Foil | Aluminized Polyester

Protectant and Water Blocking

- Conductors | Fillers | Tapes
- Insulation Displacement
- Conformal Coatings
- Potting

Test and Validation

Physical

- Durometer
- Tensile and Elongation
- Abrasion Resistance

Electrical

- Insulation Resistance | DC Resistance
- Dielectric Withstand
- Propagation
- Impedance | Capacitance | Inductance
- Attenuation | Skew

Assembly Verification

- Programmable Wire Map
- Pinout Tester
- Interferometer



Extrusion and Molding Materials

- ECTFE (Ethylene Chlorotrifluoroethylene)
- ETFE (Ethylene Tetrafluoroethylene)
- FEP (Fluorinated Ethylene Propylene)
- PFA (Perfluoroalkoxy)
- PVDF (Polyvinylidene Fluoride)
- PE (Polyethylene) Solid or Foam
- XLPE (Cross-Link PE) Solid or Foam
- HDPE (High Density PE)
- LDPE (Low Density PE)
- LLDPE (Linear Low Density PE)
- MDPE (Medium Density PE)
- TPES (Polyester)
- PP (Polypropylene)
- FRPP (Flame Resistant PP)
- PUR (Polyurethane)
- TPE (Thermoplastic Elastomer)
- TPR (Thermoplastic Rubber)
- PVC (Polyvinyl Chloride)
- Flexible | Semi-Conductive | Semi-Rigid
- PA (Polyamide Low Pressure)
- Nylon

JOE MUSTARI
NORTHWIRE
Director of Business Development

Contact Me
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