

eLocab Custom Cable Solutions for Medical Devices & Equipment

The Right Solution for Your Application



Benefits of eLocab Custom Cables

- Long flex life – up to 150 million flex cycles
- Higher reliability in extreme conditions
- Longer cable lifetime / less equipment downtime
- Lower service and maintenance costs
- Improved environmental compatibility
- Faster amortization of equipment
- Industry leading MOQ of 100 meters

About us >

Founded in 1996 and headquartered in Silicon Valley, USA, BizLink is dedicated to making transformative connections that bring visionary ideas to life.

Our state-of-the-art BizLink eLocab facilities in Canada and Germany have advanced manufacturing processes and highly professional research and development capabilities.

With our global R&D teams, BizLink provides reliable connectivity solutions near you when you need us.

At BizLink eLocab, we offer custom cables and special cable systems individually designed for Inner body, Endoscopy, Surgical Robots & Aesthetics:

- > [Endoscopy Cables & Systems](#)
- > [Micro-miniature Cables](#)
- > [High Performance Flex \(HPF\) Cable](#)
- > [Hybrid Round Cables](#)

Assembly Capabilities >

- Cutting, cleaning and visual inspection
- Processing of fiber and fiber bundles soldering
- Modern silicone and thermo-plastic injection molding
- Liquid silicone rubber processing area
- Cleanroom ISO 7, US FED Class 10.000

Value-added Cable Services >

- Rapid prototyping
- Increased speed to market
- Design services
- Failure analysis
- Validation / Life cycle testing

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ENDOSCOPY CABLES & SYSTEMS

- Bulk cable (hybrid or helix design, patented silicone jacket)
- Overmolding (thermoplastic or silicone, autoclavable)
- Connector (standard, custom)
- Sealing, potting (silicone, hotmelt, epoxy)
- Biocompatible acc. USP Class VI and ISO 10993
- Illumination bundle (cabled into hybrid design or separate component, sealed ferrule)
- Video signal transmission (high speed copper pairs, coaxes, optical data fibers, optocoupler, cat components)

MICRO-MINIATURE CABLES

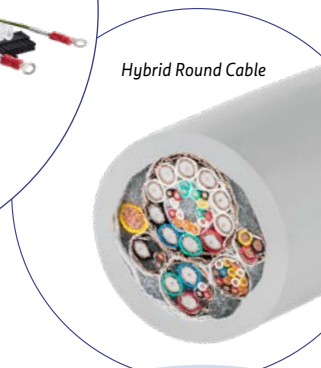
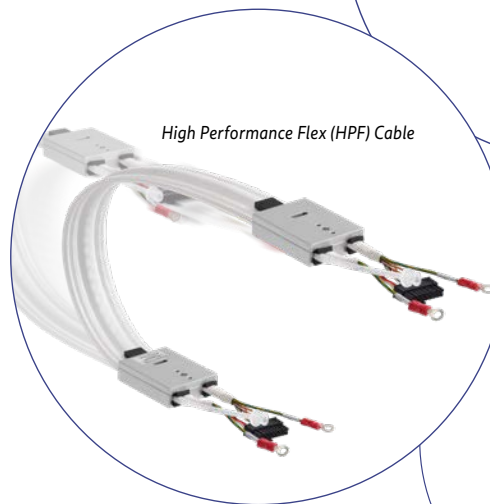
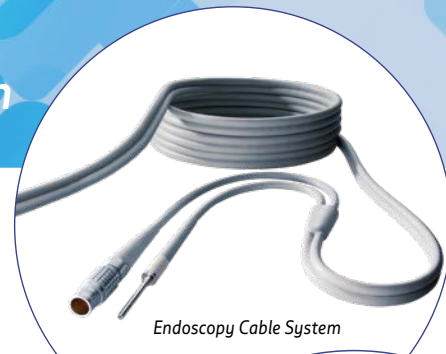
- Heart support systems
- Artificial heart devices
- Catheter applications
- Reusable and disposable cable systems
- Special materials suitable for implants
- Biocompatible acc. USP Class VI and ISO 10993
- Micro-miniaturized wires up to AWG 48

HIGH PERFORMANCE FLEX (HPF) CABLE

- Width up to 250 mm
- Ideal for tight bend radius
- Eliminates vibration
- Significantly reduced particulation
- Clean room rated cable system (ISO 1)
- Self supporting or support members' options
- Requires less installed space vs. standard cables with tracks
- Ready to install systems for operating tables and surgeon's consoles

HYBRID ROUND CABLE

- Collaborative concept development
- Integration of fiber optics, coax, air / fluid, hoses
- Manufactured to CE, UL, CSA, standards
- Available in extruded flat configurations
- Optimized for torsion



Certifications >
ISO9001:2015
ISO 13485



FT-1 / AWM / VW-1



We produce to the latest standards

> Contact us