

BERGEN CABLE TECHNOLOGY, LLC

Your Cable Connection



ISO9001: 2000 &
AS9100: 2004 Rev. B
CERTIFIED

Connect with Bergen Cable...

And connect with confidence for a cost-effective, reliable solution.

For over 60 years Bergen Cable has been the name associated with wire rope and mechanical cable assemblies. We have been a leader in providing solutions in the development of new products as well as providing value engineering assistance to existing products. Our long-standing reputation for excellence stems from our experienced team of professionals. Everyone from operators to engineers are supported with the best equipment, fine tuned manufacturing techniques and the highest standard of quality assurance.

As your cable connection for mechanical controls, we at Bergen Cable have a built-in flexibility in our manufacturing process to meet the ever changing design and delivery demands of our customers. We have experience in a wide range of applications including Aerospace, Aircraft, Furniture, Medical, Military, Transport, Robotics, and OEM to name a few.

Connect with Bergen Cable and we will work with your engineering team to develop a cost-effective, reliable solution – designed to your exact specifications and meeting your needs for reliable, robust and long-life cable assemblies. Whatever your requirements, we can provide prototypes, short runs, production runs and just-in-time (Kanban) deliveries.

The right solution for your cable assembly requirements can save your company money while ensuring the most effective design for your specific application. Whatever your mechanical control cable needs – consult with us first.

Some of the most demanding product applications rely on Bergen Cable, that's why many of the top OEMs refer to us as their "*Cable Connection.*"

We invite you to connect with us to meet all your cable assembly requirements.

Visit our web site at www.bergencable.com to get product information and updates.

*Call us at (973) 276-9596, fax us at (973) 276-9566 or
e-mail us at sales@bergencable.com*



Our Capabilities Include:



Engineering

Innovative, cost saving solutions
Production intent prototypes and tooling
Application based material selection
Validation testing of the product

Manufacturing

Cable, conduit and terminals to your requirements. Stranded or solid wire core assemblies. Automated cable cutting with fray free ends. Manual and semi automated assembly

Quality

ISO9001, AS9100 certified facility
In-plant testing facility
SPC controlled manufacturing environment
Continuous improvement philosophy

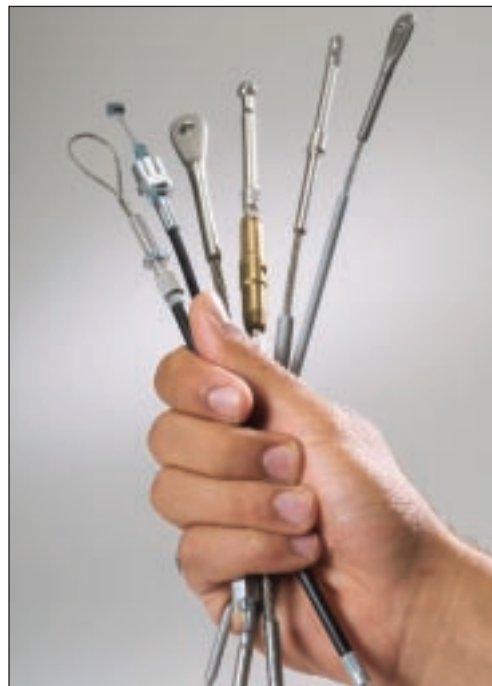


Total Industry Support

Aircraft/Aerospace, Government/Defense
Medical Equipment, Transportation
Commercial and Industrial Equipment,
Build-to-Print



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At Bergen Cable, We Take Cable

Basic Cable Assembly Components

CABLE

The term "Cable" is often used interchangeably with "Wire Rope." However in general practice; wire rope refers to diameters larger than 3/8".

A cable is selected based on the working load, safety factor, breaking strength, flexibility or construction and material type.

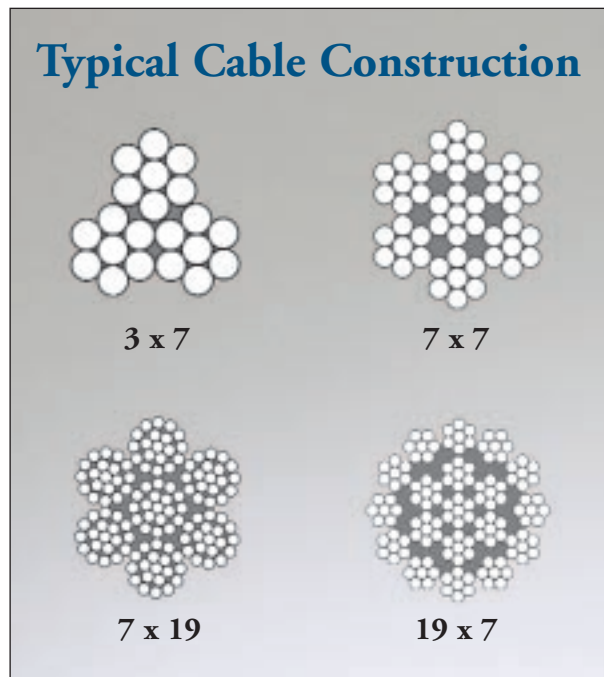
When a protective jacket is required on the bare cable, the jacket diameter, material and color is specified in addition to bare cable specifications.



CABLE AND CONDUIT FITTING

Cable and Conduit end fittings are available in a variety of shape, size, material and configuration. Fittings may be selected from the military standard MS series, Bergen Cable standard or custom made for the application.

Typical Cable Construction



CONDUIT

Conduit is used as a protection or guide for the inner core cable or wire. We offer Tubing, Braided, Bowden or Long-lay conduit. The selection of size and type depends on the flexibility, crush resistance and cost factor of the application.

OTHER HARDWARE

A wide selection of mounting hardware, actuators and motion transmission items are engineered and manufactured to suit varieties of applications.

For detailed specification and selection criteria, visit our web site at www.bergencable.com or request a copy of our engineering handbook.

Assembly Seriously

Call BERGEN CABLE for your cable assembly requirements...

Bergen Cable manufactures mechanical control cable assemblies to meet our customer's specification/drawing requirements.

We are approved and listed in the U.S. Government QPL-87215-4 as an approved manufacturer of "LOCKCLAD" cable assemblies that are used in critical flight control systems of Aircraft and similar equipment.

Bergen Cable manufactures everything from STANDARD LANYARD CABLES, to COMPLEX CABLE SYSTEMS, including the performance demanding PUSH-PULL CONTROL ASSEMBLIES to meet stringent requirements such as Railroad and High Tech Transportation Systems.

We have a sound history of performance that is based on technical accomplishments and time earned experience. The products that we supply to the MEDICAL EQUIPMENT and SURGICAL INSTRUMENT Industries reflect great confidence in the products that Bergen Cable provides to those demanding applications.

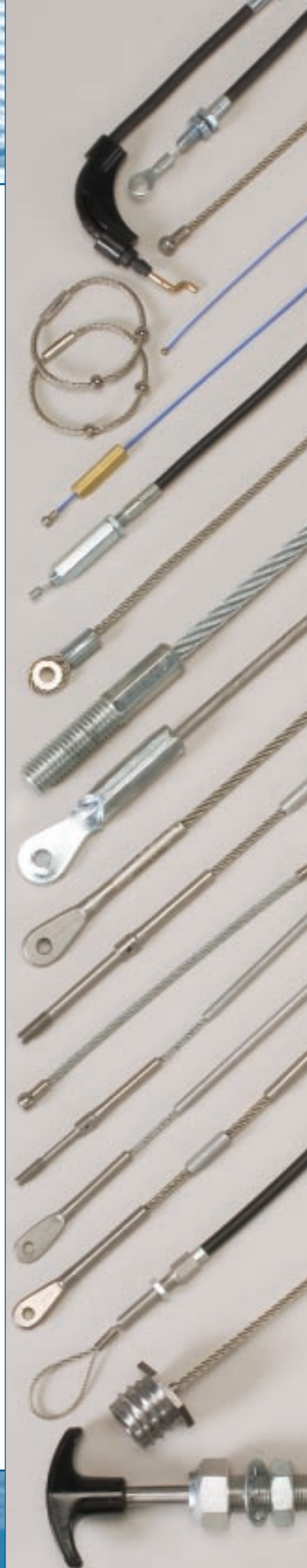
You will find Bergen Cable's miniature MICROLIN™ cable assemblies in many OEM Products. MICROLIN™ CABLE is a popular solution for applications such as precise drive systems for electronic equipment, and other systems where size, weight, and absolute stability and repeatability are required. We also offer POSILIGN™ cable which has virtually no constructional stretch. The exclusive Bergen POSILIGN™ cable is used for applications demanding accurate adjustment stability in precise mechanical instruments and mechanisms.

We offer Push-Pull and Pull-Pull control cable assemblies for positive and precise transmission of mechanical motion. These assemblies consist of five basic components. They are the core, core fittings, conduit, conduit fittings, and the actuating knob. A variety of material and assembly options are available from Bergen Cable. Whether your application can use standard industry components, or whether it requires custom machined or molded parts, your best CABLE CONNECTION is BERGEN CABLE TECHNOLOGY...

Phone 973-276-9596 • Fax 973-276-9566

E-mail: sales@bergencable.com

Website: www.bergencable.com



For Your Cable Assembly Requirements...

Connect with Bergen Cable

Take advantage of our experience to engineer your cable assembly needs. We will provide you with reliable, cost effective and quality cable assembly when you need it.

If you are looking for a cable assembly application, forward the conceptual sketch or a picture of your proposed cable assembly. We will work with you in finalizing the details.

Send us an engineering drawing with detailed specification, of your existing cable assembly, and we will value engineer/build it to make it more cost effective.

For a project feasibility study, please furnish us the following information via e-mail or fax. We will then respond immediately.

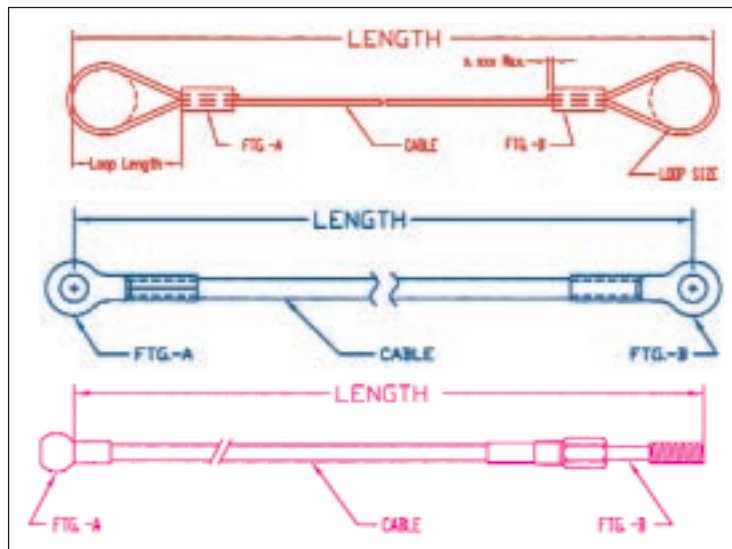
Company Name:	
Contact Person:	
Phone Number:	
Fax Number:	
E-mail Address:	

Part Number:	
Part Description or Application:	
Quantity:	

Typical Assembly Measuring Points

We will make custom or special cable layouts to your specification.

FOR SPECIFIC LAYOUTS FOR APPLICATIONS SUCH AS INVASIVE MEDICAL PRODUCTS, PUSH PULL ASSEMBLIES OR FOR ACTUAL APPLICATIONS CONTACT BERGEN CABLE.



CABLE DETAILS	
Bare Cable Diameter:	
Cable Construction:	
Cable Material:	
Coating (If Required): Material, Dia., Color	

FITTING DETAILS	
FITTING TYPE	FITTING MATERIAL
Ftg. - A	
Ftg. - B	
Others:	

ASSEMBLY REQUIREMENT	
Proofload (if required)	
Breaking Strength	

APPLICABLE SPECIFICATIONS:

Confidentiality:

We at Bergen Cable respect and maintain strict confidentiality of all customer drawings, design, intellectual property and supplier data. Non-disclosure or confidentiality agreements are acceptable for review and consideration.



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Represented By:

CABLE ASSY. PARTS:		UNLESS OTHERWISE SPECIFIED	
ALL FITTINGS:		ALL DIMENSIONS ARE IN INCHES	
BREAKING STRENGTH:		TOLERANCES:	
CABLE IS XX LBS.		DECIMALS: X.X = ± .10	
CUSTOMER: XXXX		X.XX = ± .01	
DWG. NO. XXX		X.XXX = ± .005	
PART NO. XXXXX		FRACTIONS: ± 1/32"	
REV. ---		ANGLES: ± 1°	
REV. ---		◆ SIGNIFICANT CHARACTERISTICS	
ENG DATE DWG. DATE XXXX		▼ CRITICAL CHARACTERISTICS	
		DRN. CM	
		CKD. SP	
		BERGEN CABLE TECHNOLOGY, LLC	
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