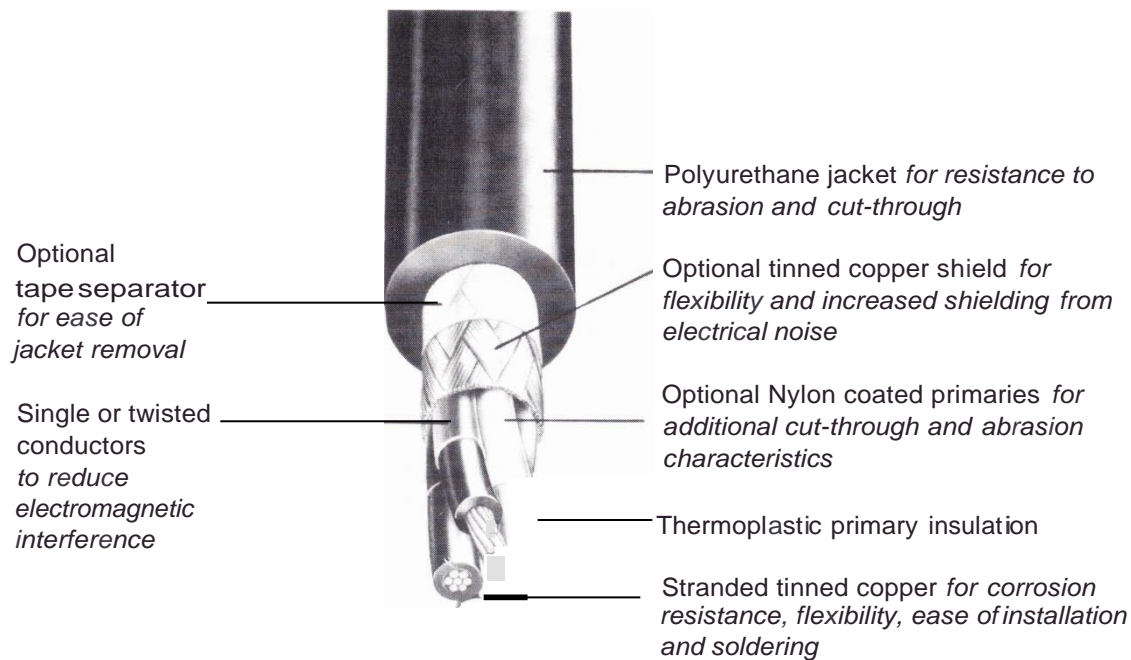


**For Industrial  
Sensor  
Applications**



## SCC INSTRUMENTATION CABLE

### Product Family Code 835

SCC has been producing rugged, multi-conductor cables for industrial instrumentation and control applications for over a half century. These products have been optimized for industrial environments and feature the following design characteristics:

- Conductors — Typically copper or high strength copper alloys, stranded for flexibility and tin, silver or nickel-plated, depending upon the environment in which they are intended to operate.
- Primary Insulations - Chosen to meet the electrical and environmental requirements of the application and include PE, PP, PVC, TPU, nylon and FEP.
- Cable Construction — Multiple insulated conductors cabled together with fillers or aramid strength members added as required to give a round, flexible cable.
- Cable Shielding — Typically a metal braid of tinned copper strands for electrical isolation with flexibility.
- Cable Jackets - Chosen to be resistant to abrasion or chemicals as required by the application and include ionomer, TPU, ETFE and FEP.

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## COMPANY HISTORY

SCC traces its lineage back to 1925 when the Lewis Engineering Co. of Naugatuck, CT was founded. Lewis' Wire Division was formed in 1942 and was purchased by the Revere Corp. in the late 1960's. Revere's well-known quality and engineering resulted in major growth. In 1978, the combination of Revere's wire and cable operations with the strong R & D facilities of Galileo Electro-Optics Corp. resulted in Galite, Inc., with the most advanced interconnection wire product line in the industry. Galite located its operations in a new 65,000 sq. ft. plant specifically designed for cable operations in Wallingford, CT.

In 1981, the Pirelli Cable Corp. acquired Galite, Inc. and consolidated it with Cimco Wire and Cable of Allendale, NJ. Cimco manufactured custom-made cable for aircraft, missile and electronic assemblies. Five years later, Pirelli transferred its ownership of Galite and Cimco to SCC to form the leading independent, high quality custom cable producer for the defense and commercial markets.

## PRODUCT CAPABILITIES

At SCC, emphasis is placed on the manufacture of high performance products, available in either standard or customer constructions. A broad spectrum of superior insulation materials is offered, including the latest in fluorocarbon compounds which have proven to be ideally suited for demanding, high temperature operating environments. All cables are built to function effectively under the most adverse conditions and each meets or exceeds rigid government standards or industry codes.

## QUALITY ASSURANCE

SCC is an approved vendor to all of the major aerospace and military contractors. SCC has acquired a strong reputation for its quality assurance program which meets or exceeds the requirements of military and government quality standards. SCC is UL/CSA approved and is also certified to ISO-9001. SCC's Testing Laboratory is fully equipped to verify the performance of its product capabilities. Both the QC and the QA elements of SCC's quality system are performance guaranteed.

## OTHER PRODUCTS AVAILABLE

- Thermocouple wire and cable for industrial and commercial applications (105°C to 142TC)
- Constant wattage parallel resistance zone heater cables (105°C to 260°C)
- High temperature multiple conductor cables (105°C and higher)
- Special designs for your application
- Instrumentation, control and data transmission cables