

Teledyne Cable Solutions

Oil & Gas, Mining, and Geophysical Cables

Capabilities and Featured Processes



Teledyne Cable Solutions is a vertically-integrated engineering and manufacturing company specializing in ruggedized cable and cable assemblies.

ENGINEERING

Product design, 3D modeling, predictive mold-flow software, 3D printing, flex endurance, and mechanical testing

CUSTOM CABLE

Our vertically integrated facility enables Teledyne Cable Solutions (TCS) to meet the goals of the project without minimums and long lead times. If one of our industry-driven stock cables does not meet your application, TCS can engineer and manufacture the cable used in the finished assembly, including retractile cords and Hazardous Location Cables.



TERMINATION AND ASSEMBLY

TCS can complete the termination and assembly to any connector via crimp, solder, IDC, or weld.

- Round circular MIL (Stainless Steel, brass, aluminum, anodized, or plastic.)
- Rectangular
- D-Sub, Firewire, RJ-45, or USB
- Electro-mechanical
- Coaxial
- Copper-fiber

SOLID MOLDED CABLES

Teledyne Cable Solutions can solid mold (injection or pour mold) any connector type.

Full line of mold tool designs:

- Round circular MIL molds from shell size 8-36 (linear and right angle)
- Breakout configurations from two to six legs
- Various electronic mold sets such as RJ-45, Firewire, USB, and coaxial
- Solid strain relief and flexible bend relief
- Cable diameters from .10" to 2"



Should your application require a custom design, our in-house mold tool design team can engineer a solution for your application.

C1D2 (CLASS 1, DIVISION 2) CABLES FOR USE IN HAZARDOUS LOCATIONS

TCS manufactures cable that is CSA and ETL agency approved, utilizing custom engineered insulation and jacket material that meets the requirements of C1D2 without the need to install in conduit.

TELETHANE®

This insulating jacket material is targeted for applications where heat and oil resistance exceeds traditionally processed thermoplastics. Rubber-like flexibility at temperatures down to -40°C and heat-stabilized, rated at 1000 hours at 175°C, this material replaces traditional cross-linked rubber at a significantly lower cost.

Our business focus for Oil and Gas products includes:

- Instrumentation and data acquisition systems
- Pumping service equipment
- Land Seismic acquisition
- Completion service equipment
- Process and pipeline service equipment
- Mining

Certifications:

- IPC-A-620
- UL, CSA, ETL
- ISO 9001:2000



TELEDYNE CABLE SOLUTIONS
STORM CABLE • VARISYSTEMS

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