

VALUE-ADD OVERBRAIDING SOLUTIONS

UNEQUALED SERVICE AND SUPPORT FOR CUSTOM OVERBRAIDED ASSEMBLIES

Cable Technology offers value-added overbraiding including braiding design and engineering services. Our technicians are skilled in the processes and technologies for overbraiding wires, coax, and other electrical and mechanical cables and products.

FEATURES & BENEFITS

- RFI (radio frequency interference), EMI (electro-magnetic interference) and EMP (electro-magnetic pulse) protection with metallic braiding materials
- Abrasion protection with textile braiding materials
- Weight savings with hybrid (metal/textile) materials
- Unique product identification with colored materials
- Burst strengthening
- Electrical and thermal insulation
- Protection in high temperature applications (engines)
- Applications for complex assemblies with multiple breakouts
- Materials may be applied in single or multiple layers
- Design and material solutions for unique application needs

MATERIAL OPTIONS

- | | | |
|-------------|--------------|--------------|
| » Nomex | » Teflon | » Ryton |
| » Nylon | » Fiberglass | » Kevlar |
| » Polyester | » Halar | » Many more! |



Overbraiding equipment



Overbraided cable details

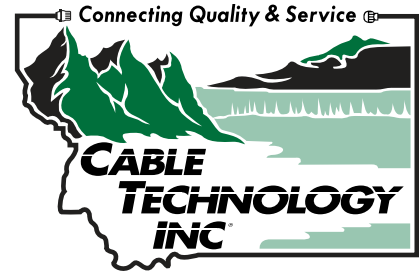


Jet engine

Cable Technology's engineering staff is available to review requirements and provide responsive service and the technical support to ensure your program's success.

CONTACT US FOR ADDITIONAL INFORMATION.





CONNECTING QUALITY AND SERVICE

Cable Technology is a leader in providing design, assembly, installation, test and support services to meet a diverse range of electrical and mechanical needs.

CABLE TECHNOLOGY CAPABILITIES AND VALUE-ADDED SERVICES

- Aerospace grade wire harness assemblies
- Potting and molding solutions
- Machine overbraiding solutions
- High performance coaxial cable and assemblies including new design capabilities
- Fiber optic cables and assemblies including new design capabilities
- Electrical testing including continuity, insulation resistance, dielectric withstand, capacitance, system power, loss, VSWR, and phase matching
- Assistance with selection of parts and materials, and generation of processes and drawings
- Electrical / mechanical integration
- IPC and J-STD training and certification
- Integrated avionics and aircraft systems installation kits
- Interior and exterior LED lighting including NVIS applications
- Ethernet, databus and other specialty cables
- ARINC 404/600 equipment trays, specialty structures and mechanical systems

QUALIFICATIONS

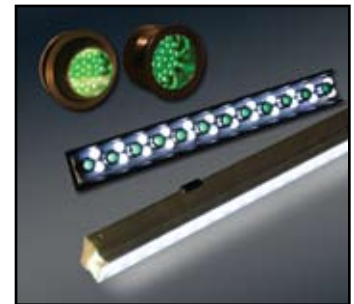
Cable Technology is certified to ISO9001 and AS9100 quality standards. Cable Technology is also approved to the Boeing BQMS/A and was awarded the Lockheed STAR Supplier Award in October of 2009.

HUBZONE BUSINESS STATUS

Cable Technology enjoys HUBZone status as certified by the Small Business Administration. As a certified HUBZone, utilizing Cable Technology's products and services satisfies government set-aside requirements and will assist your business in securing government work.



Harness Assembly



LED Lighting



Electrical/Mechanical Integration

