

CDT AEROSPACE GROUP PRODUCTS

THERMAX/CDT
A subsidiary of CABLE DESIGN TECHNOLOGIES

Est: (888) 761-7500
West: (800) 423-5873
www.thermaxcdt.com

- MIL-W-16878 (NEMA HP3, HP4) wire
- MIL-W-22759 (SAE AS22759) wire
- MIL-W-25036 wire
- MIL-W-81822 (SAE AS1822) wire
- MIL-C-17 coaxial cable
- MIL-C-27072 cable
- MIL-C275000 cable
- MIL-C-55021 cable
- Low-noise cable
- Aircraft data cable
- Aircraft entertainment system cable
- Flight test cable
- Low-Loss coaxial cable

BARCEL/CDT
A subsidiary of CABLE DESIGN TECHNOLOGIES

(949) 863-0300
www.barcel.com

- MIL-W-5086 wire
- MIL-W-16878 (NEMA HP3, HP4) wire
- MIL-W-22759 (SAE AS22759) wire
- MIL-W-24640 wire
- MIL-W-81381 wire
- MIL-W-81822 (SAE AS1822) wire
- MIL-DTL-27500 (NEMA WC27500) cable
- MIL-C-27072 cable
- MIL-C-55021 cable

THERMAX/CDT
BARCEL/CDT
Subsidiaries of CABLE DESIGN TECHNOLOGIES

SAMPLE

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Sample is a 30% scale reduction of the original 25.5 x 11 inch, tri-folded brochure.

Top:
Front and back covers.

Middle:
Inside with flap folded.

Bottom:
Inside with flap open.

CDT AEROSPACE GROUP FACILITIES AND CAPABILITIES

The unique and exacting demands of aerospace applications call for a wire and cable supplier with unique and focused capabilities.

This supplier must combine engineering excellence, unmatched test capability, and modern production facilities with the experience necessary to understand today's aerospace requirements.

The CDT Aerospace Group was formed to create such a supplier.

Pairing Thermax/CDT's leadership in wire and cable for high temperature and other demanding environments with Barcel/CDT's strength in tape-wrapped composite wire has created a supplier who can truly meet all your aerospace wire and cable needs.

CDT's large-scale commitment to developing world-class test lab facilities ensures that our products will fulfill your requirements, no matter how tough. Our manufacturing capacity and flexibility helps keep your programs and products up to speed.

From single-conductor hookup wire to highly-engineered composite power and signal cables, products from the CDT Aerospace Group are flying in virtually every U.S. commercial and military aircraft produced in the past two decades.

As aircraft and aerospace systems evolve through the 21st century, the CDT Aerospace Group will continue to evolve and expand—you can count on us to exceed your expectations for innovation, quality, and dependability now and in the future.

Manufacturing, engineering, and laboratory facilities throughout the U.S. and Mexico provide CDT Aerospace Group ample capacity for large-scale production requirements.



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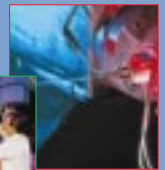
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Vertically-integrated manufacturing—including extrusion, braiding, tape wrapping, and marking—ensures strict control over processes and quality.

Instrumentation and Avionics Cables • Power Cables • In-Flight Entertainment Cables • Fuel System Cables • Engine Control and Monitoring Cables • SWAMP Wire • Low-Loss Coaxial Cable

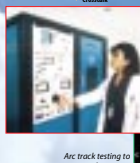


CDT's commitment to first-class test capability is unmatched among wire and cable manufacturers:

- | | | |
|--|---|--|
| <ul style="list-style-type: none"> Electrical Attenuation VSWR Impedance Differential Impedance Velocity of Propagation Time Delay Capacitance Inductance Conductance Low Noise Testing Shielding Effectiveness Grounding | <ul style="list-style-type: none"> Mechanical and Environmental Flame Resistance Flammability (or Vertical Flame Test) Accidental Aging Cold Bend Wet Dry Arc Propagation 10 Differential Stranding Calometer Thermal Shock Humidity Resistance Loop Back Optical Contact Mark Durability Forced Hydrolysis Wire Separation | <ul style="list-style-type: none"> Flexure Endurance Hot Flow Rate Adhesion to Cores Retention of Elongation Torsion Testing Kaiser Testing Solderability Wire to Wire Abrasion Insulator Resistance Dynamic Cut-Through Wicking Immersion |
|--|---|--|

2,000° F flame test of Thermaxzone aircraft engine fire-resistant wire insulation.

Nondestructive laser marking for wire insulation and cable jackets ensures absolute permanence and superior legibility on cables as small as .024" diameter.



Arc track testing to ensure wire performance.



Even on irregular jacket surfaces, laser marking is crisp and undistorted.



High Temperature • Abrasion Resistant • Solvent and Fuel Resistant • PTFE • Mineral-Filled • High Power • Low Loss • Composite Power / Signal • MIL-Spec • Custom Designs