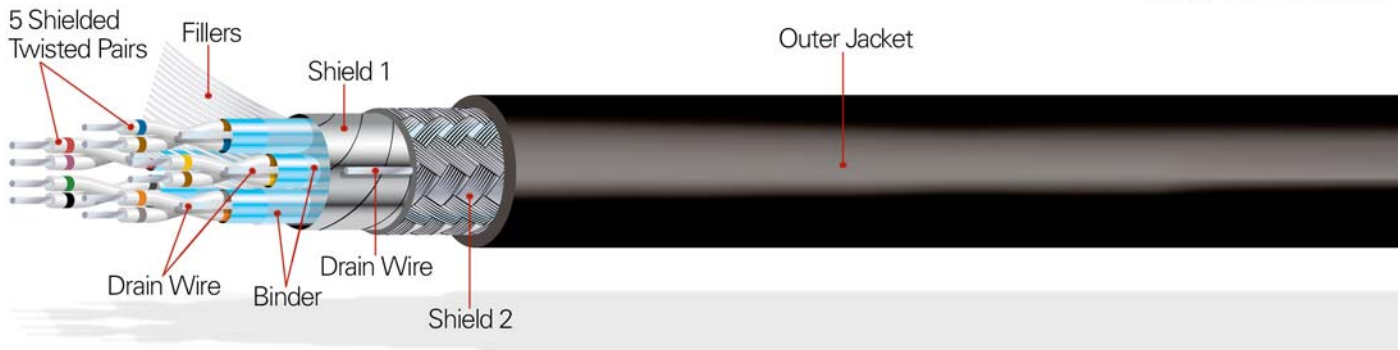




Providing complete avionics installation provisions
and support for the Aviation industry since 1984.

LVDS Data Bus Cable

P/N 382410A



10 Conductors

5 Shielded Twisted Pairs:

Conductors: 24 AWG tin plated copper
Insulation: High temperature fluoropolymer
Drain Wire: 24 AWG tin plated copper
Shield: Aluminum/Mylar foil
Binder: Polyester Tape

Color Code:

Pair 1: Natural/Green, Natural/Black
Pair 2: Natural/Blue, Natural/Brown
Pair 3: Natural/Violet, Natural/Red
Pair 4: Natural/Gray, Natural/Orange
Pair 5: Natural/Brown, Natural/Yellow

Overall Cable:

Core: Fiberglass Fillers
Shield 1: Aluminum/Mylar foil
Drain Wire: 24 AWG tin plated copper
Shield 2: 36 AWG tin plated copper braid
Jacket: Black Pressure Extruded Polyurethane

Physical Characteristics

Outer Diameter: 0.395 inches nominal
Bend Radius: 2.4 inches nominal
Weight: 9.1 lbs/100 feet nominal
Temperature Range: -55° to +85° C

Electrical Characteristics (each pair)

Impedance: 100 Ohms nominal
Capacitance: 12.8 pF/ft maximum
Velocity of Propagation: 75% nominal
Skew (internal): 30 ps/meter maximum
Skew (pair to pair): 50 ps/meter nominal
Attenuation: dB/100 ft nominal (call for information)

Applications

Low Voltage Differential Signal (LVDS) video cable suitable for LCD display and digital video interface (DVI) applications.

Environmental:

- ECS data bus cables are designed to meet, or exceed, burn requirements as set forth in Federal Aviation Regulations 14 CFR Part 25.869(a)(4) Amdt 25-113, Appendix F Part I(a)(3)

Cage Code: 66197 • **Issue Date:** 9/21/09

5300 W. Franklin Drive
Franklin, Wisconsin 53132 USA

414.421.5300 • 800.327.9473
sales@ecsdirect.com • www.ecsdirect.com

