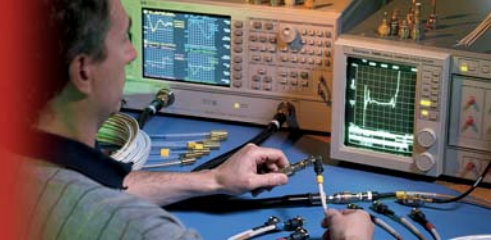


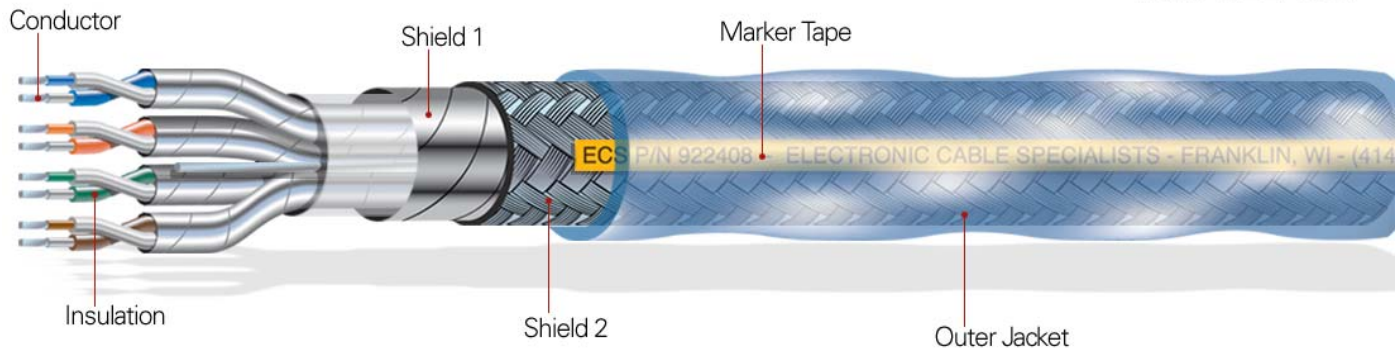


"Providing complete avionics installation provisions and support for the Aerospace industry since 1984."



# Cat 5e Data Bus Cable

**P/N 922408**



## **8 Conductors**

### **4 Shielded Twisted Pairs:**

**Conductors:** 24 AWG silver plated copper alloy

**Insulation:** High temperature fluoropolymer

**Shield:** Aluminum/Polyester tape

### **Color Code:**

**Pair 1:** White/Blue, Blue/White

**Pair 2:** White/Orange, Orange/White

**Pair 3:** White/Green, Green/White

**Pair 4:** White/Brown, Brown/White

### **Overall Cable:**

**Drain Wire:** 24 AWG silver plated copper alloy

**Binder:** Polyester tape

**Shield 1:** Aluminum/Polyester foil

**Shield 2:** 38 AWG silver plated copper braid

**Jacket:** Blue high temperature fluoropolymer (laser markable)

## **Physical Characteristics**

**Outer Diameter:** 0.299 inches nominal

**Bend Radius:** 1.5 inches nominal

**Weight:** 6.0 lbs/100 feet nominal

**Temperature Range:** -55° to +150° C

**Skydrol Resistant:** Yes

## **Electrical Characteristics (each pair)**

**Impedance:** 100 Ohms nominal

**Capacitance:** 15.0 pF/ft maximum

**Velocity of Propagation:** 78% nominal

**Attenuation:** 10 MHz 2.38 dB/100 ft;  
(nominal) 100 MHz 8.05 dB/100 ft

## **Applications**

Cat 5e, LAN

## **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).
- They are manufactured with materials which, when subjected to flames or high temperatures, will not outgas deadly hydrogen chloride produced by conventional PVC cables.

**Cage Code:** 66197 • **Issue Date:** 5/1/07

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