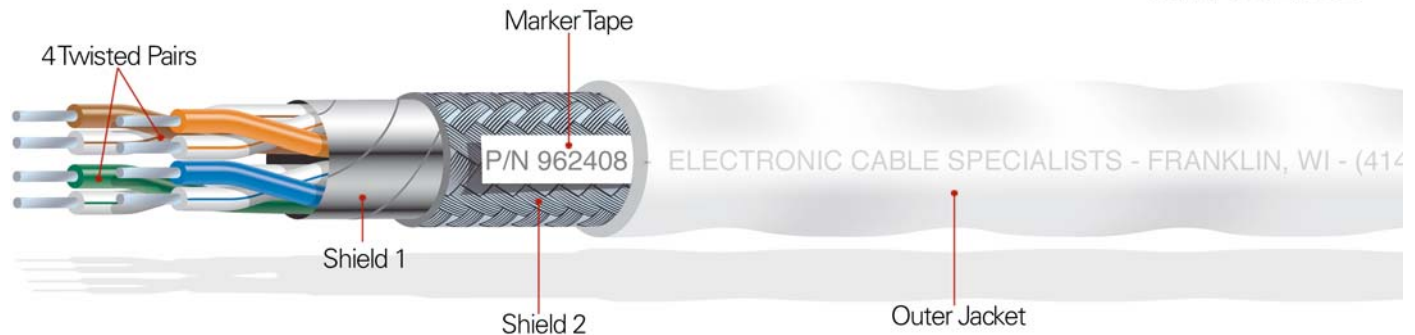




Providing complete avionics installation provisions
and support for the Aviation industry since 1984.

Cat 5e Data Bus Cable

P/N 962408



4 Twisted Pairs:

Conductors: 24 AWG tin plated copper alloy

Insulation: High temperature fluoropolymer

Color Code:

Pair 1: Blue, White/Blue

Pair 2: Orange, White/Orange

Pair 3: Green, White/Green

Pair 4: Brown, White/Brown

Overall Cable:

Shield 1: Aluminum/Polyester tape

Shield 2: 38 AWG tin plated copper braid

Jacket: White high temperature fluoropolymer
(laser markable)

Physical Characteristics

Outer Diameter: 0.25 inches nominal

Bend Radius: 1.9 inches nominal

Weight: 4.3 lbs/100 feet nominal

Temperature Range: -55° to +150° C

Skydrol Resistant: Yes

Electrical Characteristics (each pair)

Impedance: 100 Ohms nominal

Capacitance: 13 pF/feet nominal

Velocity of Propagation: 62% nominal

Attenuation: 10 MHz 2.1 dB/100 feet
(nominal) 100 MHz 6.9 dB/100 feet

Applications

Supports 100BASE-T and 1000BASE-T data rates

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).
- Cable meets TIA/EIA-568-B.2 Cat 5e Patch Cable.
- 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:** 9/21/09

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