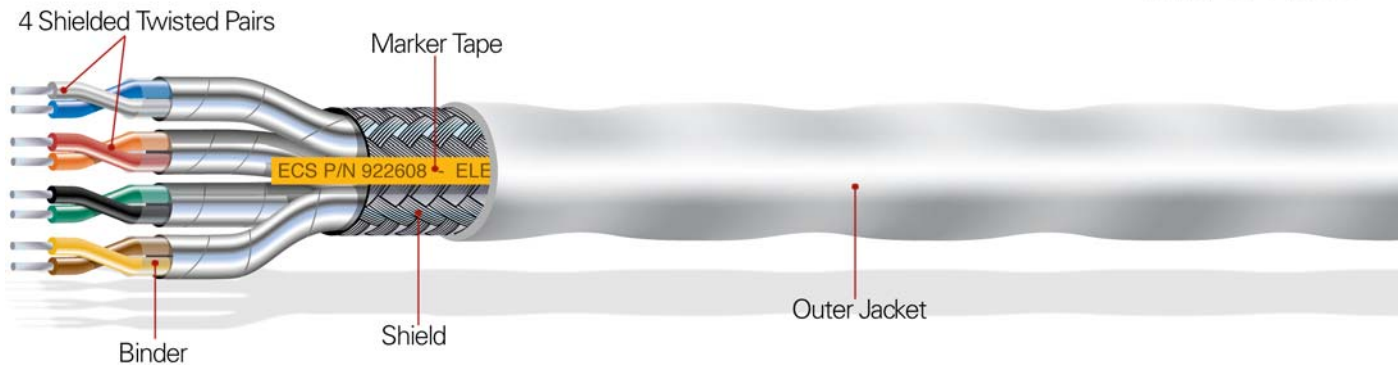




Providing complete avionics installation provisions
and support for the Aviation industry since 1984.

Cat 5e Data Bus Cable

P/N 922608



8 Conductors

4 Shielded Twisted Pairs:

Conductors: 26 AWG silver plated copper alloy

Insulation: High temperature fluoropolymer

Buffer: Polyester tape

Shield: Aluminum/Polyester tape

Color Code:

Pair 1: Blue, White

Pair 2: Red, Orange

Pair 3: Black, Green

Pair 4: Yellow, Brown

Overall Cable:

Shield: 38 AWG silver plated copper braid

Jacket: White high temperature fluoropolymer
(laser markable)

Physical Characteristics

Outer Diameter: 0.230 inches nominal

Bend Radius: 1.4 inches nominal

Weight: 3.4 lbs/100 feet nominal

Temperature Range: -55° to +150° C

Skydrol Resistant: Yes

Electrical Characteristics (each pair)

Impedance: 100 Ohms nominal

Capacitance: 15 pF/ft nominal

Velocity of Propagation: 78% nominal

Attenuation: 10 MHz 2.4 dB/100 meters
(nominal) 100 MHz 8.2 dB/100 meters

Applications

Cat 5e

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.

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