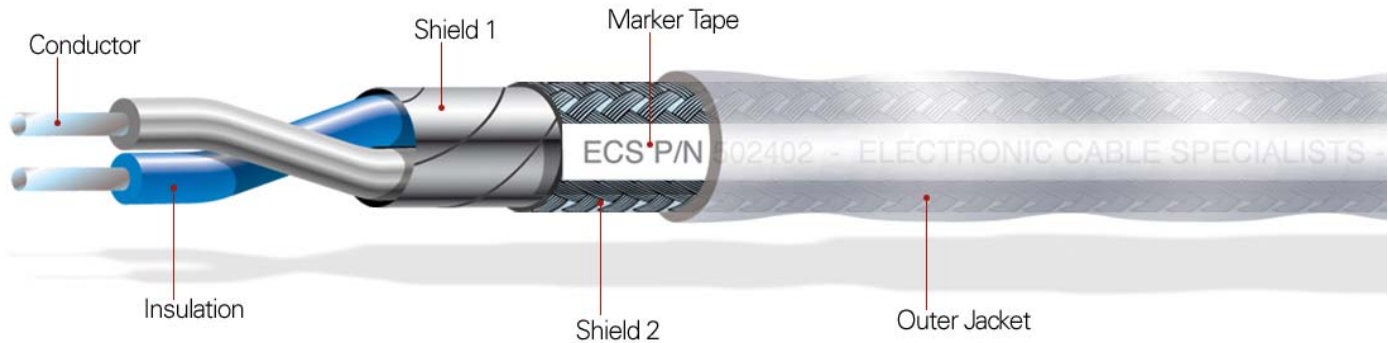




Providing complete avionics installation provisions  
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# ASCB-D Data Bus & Cept E1 Cable

**P/N 502402**



**2 Conductors:** 24 AWG silver plated copper alloy  
**Insulation:** High temperature fluoropolymer  
**Color Code:** White, Blue  
**Shield 1:** Aluminum/Polyester foil  
**Shield 2:** 38 AWG tin plated copper braid  
**Jacket:** White high temperature fluoropolymer  
(laser markable)

## Physical Characteristics

**Outer Diameter:** 0.204 inches nominal  
**Bend Radius:** 1.02 inches nominal  
**Weight:** 2.5 lbs/100 feet nominal  
**Temperature Range:** -55° to +200° C  
**Skydrol Resistant:** Yes

## Electrical Characteristics

**Impedance:** 125 Ohms nominal  
**Capacitance:** 12.0 pF/ft nominal  
**Velocity of Propagation:** 81.5% nominal  
**Attenuation:** 10 MHz 2.00 dB/100 ft nominal

## Applications

ASCB-D or C Databus for EPIC AV-900, Cept E1

## 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:** 9/21/09

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