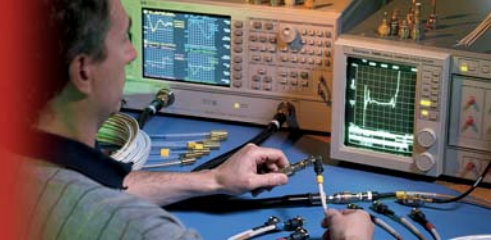




"Providing complete avionics installation provisions and support for the Aerospace industry since 1984."



Cept E1 Data Bus Cable

P/N 622202



2 Conductors: 22 AWG stranded tin plated copper
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: 0.288 inches nominal
Bend Radius: 1.45 inches nominal
Weight: 5.0 lbs/100 feet nominal
Temperature Range: -55° to +150° C
Skydrol Resistant: Yes

Electrical Characteristics

Impedance: 125 Ohms nominal
Capacitance: 12.0 pF/ft nominal
Velocity of Propagation: 80% nominal
Attenuation: 10 MHz 2.00 dB/100 ft nominal

Applications

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:** 5/1/07

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