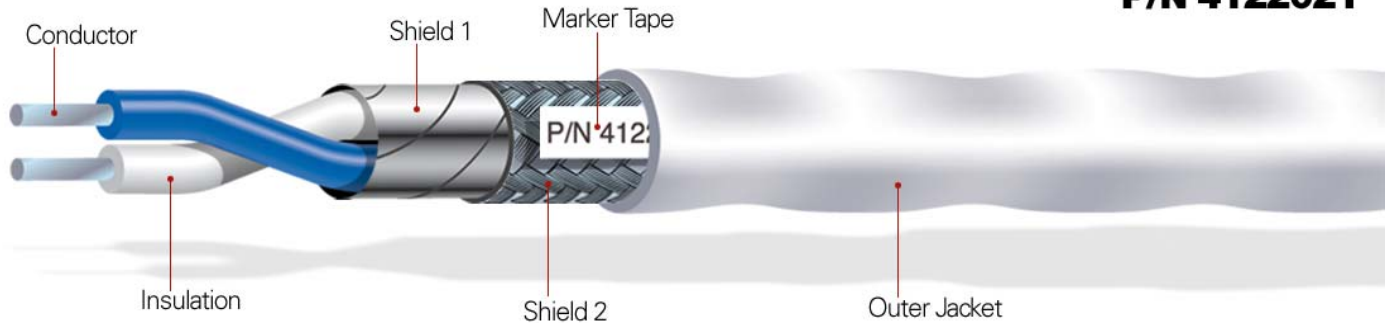




Providing complete avionics installation provisions
and support for the Aviation industry since 1984.

Mil-Std. 1553 Data Bus Cable

P/N 4122021



2 Conductors: 22 AWG 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 temp fluoropolymer
(laser markable)

Physical Characteristics

Outer Diameter: 0.176 inches nominal
Bend Radius: 1.0 inches nominal
Weight: 2.0 lbs/100 feet nominal
Temperature Range: -55° to +200° C
Skydrol Resistant: Yes

Electrical Characteristics

Impedance: 78 Ohms nominal
Capacitance: 25 pF/ft maximum
Attenuation: 1 MHz 1.0 dB/100 ft nominal

Applications

Mil-Std. 1553

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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