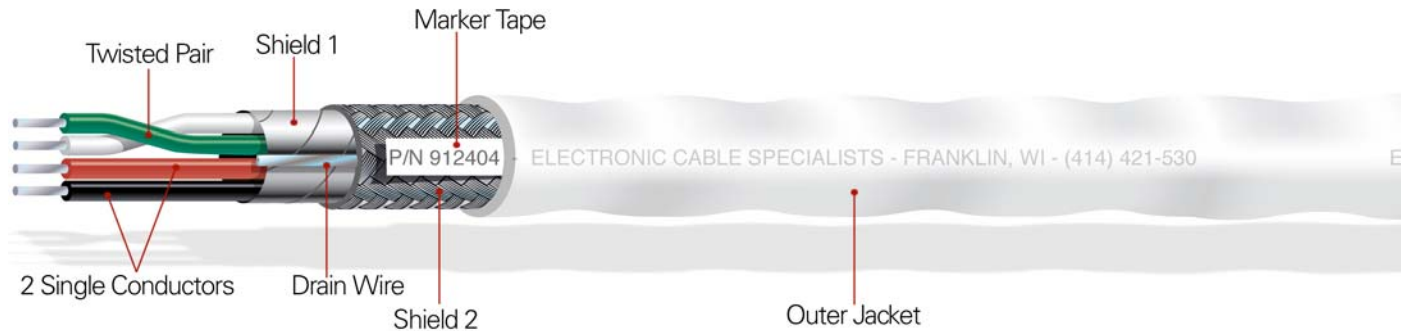




Providing complete avionics installation provisions
and support for the Aviation industry since 1984.

USB Cable

P/N 912404



4 Conductors:

1 Twisted Data Pair:

Conductors: 24 AWG tin plated copper
Insulation: High temperature fluoropolymer
Color Code: Green, White

2 Single Power Wires:

Conductors: 24 AWG tin plated copper
Insulation: High temperature fluoropolymer
Color Code: Red, Black

Overall Cable:

Shield 1: Aluminum/Polyester tape
Drain Wire: 24 AWG tin plated copper
Shield 2: 38 AWG tin plated copper braid
Jacket: White high temperature fluoropolymer
(laser markable)

Physical Characteristics

Outer Diameter: 0.18 inches nominal
Bend Radius: 0.9 inches nominal
Weight: 2.3 lbs/100 feet nominal
Temperature Range: -55° to +150° C
Skydrol Resistant: Yes

Electrical Characteristics (Data)

Impedance: 90 Ohms nominal
DC Resistance: 0.0511 Ohms/m maximum
Resistance Unbalanced: < 5%
Propagation Delay: 26 ns/5 m full/high speed
Skew: 100 pS/5m maximum
Attenuation: 400 MHz 3.8 dB/5 m nominal

Electrical Characteristics (Power)

DC Resistance: 0.0854 Ohms/m maximum

Applications

USB

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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