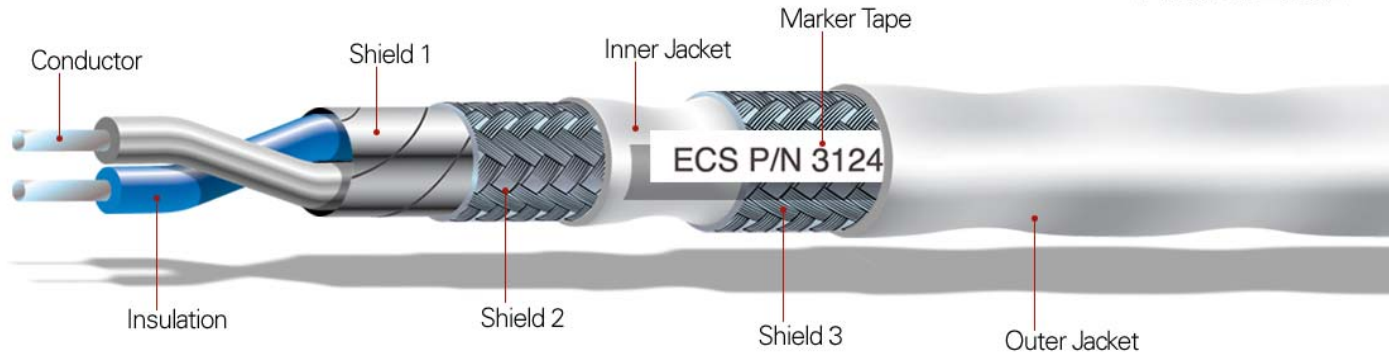




Providing complete avionics installation provisions
and support for the Aviation industry since 1984.

ARINC 453 Data Bus Cable

P/N 312402



2 Conductors: 22 AWG stranded tin plated copper
Insulation: High temperature fluoropolymer
Color Code: White, Blue
Shield 1: Aluminum/Polyester foil
Shield 2: 36 AWG tin plated copper braid
Inner Jacket: White high temperature fluoropolymer
Shield 3: 36 AWG tin plated copper braid
Outer Jacket: White high temperature fluoropolymer
(laser markable)

Physical Characteristics

Outer Diameter: 0.274 inches nominal
Bend Radius: 1.40 inches nominal
Weight: 2.50 lbs/100 feet nominal
Temperature Range: -55° to +150° C
Skydrol Resistant: Yes

Electrical Characteristics

Impedance: 78 Ohms nominal
Capacitance: 19.2 pF/ft maximum
Attenuation: 1 MHz 1.0 dB/100 ft nominal

Applications

ARINC 453, ARINC 708 Weather Radar, General Purpose

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:** 9/2109

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