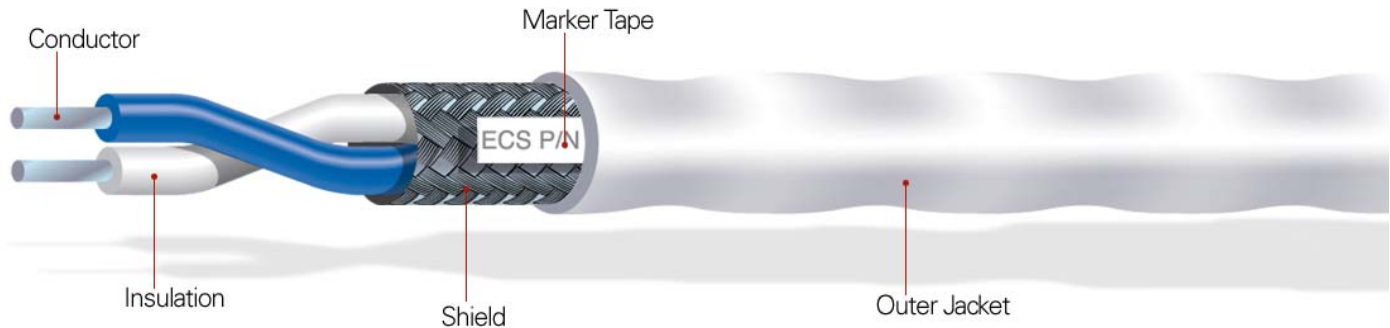




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# ARINC 429 Data Bus Cable

**P/N 442202**



**2 Conductors:** 22 AWG stranded tin plated copper  
**Insulation:** High temperature fluoropolymer  
**Color Code:** Blue, White  
**Shield:** 38 AWG tin plated copper braid  
**Jacket:** White high temperature fluoropolymer  
(laser markable)

### Physical Characteristics

**Outer Diameter:** 0.15 inches nominal  
**Bend Radius:** 0.75 inches nominal  
**Weight:** 1.74 lbs/100 feet nominal  
**Temperature Range:** -55° to +150° C  
**Skydrol Resistant:** Yes

### Electrical Characteristics

**Impedance:** 62 Ohms nominal  
**Capacitance:** 27.8 pF/ft maximum  
**Attenuation:** 1.07 MHz 0.9 dB/100 ft;  
(nominal) 4.73 MHz 4.0 dB/100 ft

### Applications

ARINC 429

### 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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