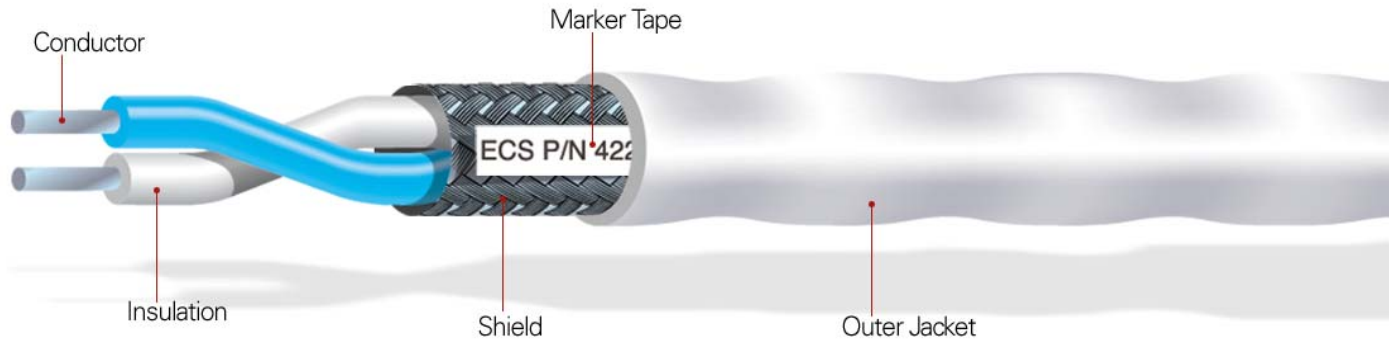




Providing complete avionics installation provisions  
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# ARINC 429 Data Bus Cable

**P/N 422402**



**2 Conductors:** 24 AWG stranded tin plated copper  
**Insulation:** High temperature fluoropolymer  
**Color Code:** Light blue, white  
**Shield:** 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:** 1.35 lbs/100 feet nominal  
**Temperature Range:** -55° to +200° C  
**Skydrol Resistant:** Yes

### Electrical Characteristics

**Impedance:** 70 Ohms nominal  
**Capacitance:** 24.5 pF/ft maximum  
**Velocity of Propagation:** 70% nominal  
**Attenuation:** 1 MHz 1.40 dB/100 ft nominal

### 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.

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