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# ARINC 664 Cat 5e Data Bus Cable

**P/N 392402**



**2 Conductors:** 24 AWG stranded tin plated copper  
**Insulation:** Foamed high temperature fluoropolymer  
**Color Code:** White/Blue, Blue/White  
**Shield 1:** Aluminum/Mylar foil  
**Shield 2:** 38 AWG tin plated copper braid  
**Jacket:** White high temperature fluoropolymer

### Physical Characteristics

**Outer Diameter:** 0.162 inches nominal  
**Bend Radius:** 0.8 inches nominal  
**Weight:** 2.0 lbs/100 feet nominal  
**Temperature Range:** -55° to +200° C  
**Skydrol Resistant:** Yes

### Electrical Characteristics

**Impedance:** 100 Ohms nominal  
**Capacitance:** 12.4 pF/ft nominal  
**Velocity of Propagation:** 78% nominal  
**Skew:** 12.8 ns/100 ft BUS  
**Attenuation:** 10 MHz 2.1 dB/100 ft nominal

### Applications

10/100 Base T

### 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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