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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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5300 W. Franklin Drive
Franklin, Wisconsin 53132 USA

414.421.5300 • 800.327.9473
sales@ecsdirect.com • www.ecsdirect.com

