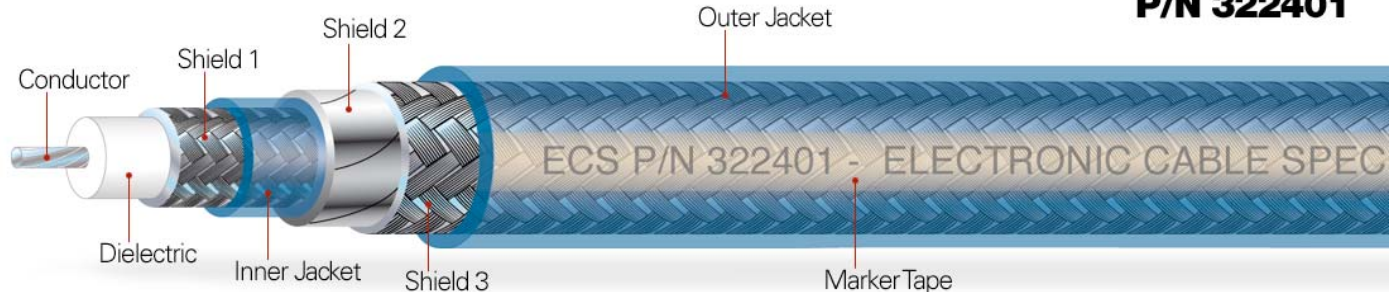




Providing complete avionics installation provisions  
and support for the Aviation industry since 1984.

# 75 Ohm Triaxial Cable

**P/N 322401**



**Conductor:** 24 AWG tin plated copper  
**Dielectric:** High temperature fluoropolymer  
**Shield 1:** 36 AWG tin plated copper braid  
**Inner Jacket:** Blue high temperature fluoropolymer  
**Shield 2:** Aluminum/Polyester foil  
**Shield 3:** 36 AWG tin plated copper braid  
**Outer Jacket:** Blue high temperature fluoropolymer  
(laser markable)

### Physical Characteristics

**Outer Diameter:** 0.246 in. nominal  
**Bend Radius:** 1.0 in. nominal  
**Weight:** 5.8 lbs/100 ft nominal  
**Temperature Range:** -55° to +200° C  
**Skydrol Resistant:** Yes

### Electrical Characteristics

**Impedance:** 75.0 Ohms nominal  
**Capacitance:** 19.50 pF/ft nominal  
**Time Delay:** 1.28 ns/ft nominal  
**Attenuation:** 400 MHz 8.00 dB/100 ft nominal

### Environmental:

- ECS avionics 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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