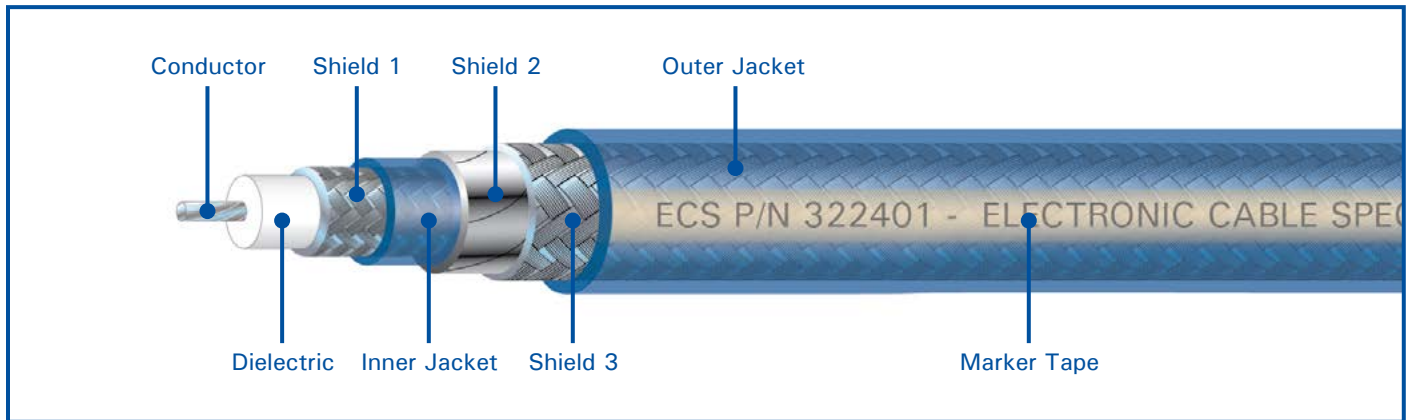


75 Ohm Triaxial Cable

P/N 322401



CONSTRUCTION DETAILS

- Conductor:** 24 AWG stranded 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

ENVIRONMENTAL DETAILS

- » 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.

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:** 20.4 pF/ft. nominal
- Time Delay:** 1.46 ns/ft. nominal
- Velocity of Propagation:** 69.5% nominal
- Shield Effectiveness:** > 90 dB
- Attenuation:** 0.72 dB/100 ft. @ 1 MHz
(nominal) 1.14 dB/100 ft. @ 10 MHz
3.15 dB/100 ft. @ 100 MHz
7.19 dB/100 ft. @ 400 MHz
13.91 dB/100 ft. @ 1000 MHz