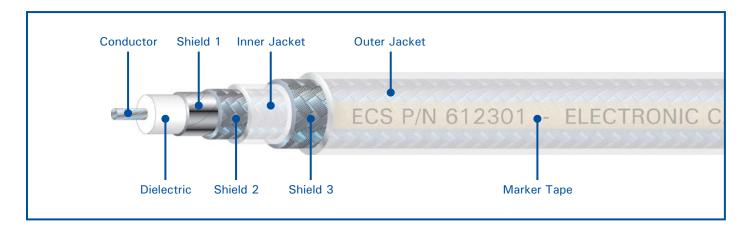
75 Ohm Triaxial Cable

P/N 612301





CONSTRUCTION DETAILS

Conductor: 23 AWG stranded tin-plated copper **Dielectric:** High temperature fluoropolymer

Shield 1: Aluminum tape

Inner Jacket: White high temperature fluoropolymer

Shield 2: Tin-plated copper braid

Outer Jacket: White high temperature fluoropolymer

(Laser Markable)

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: 0.20 in. nominal Bend Radius: 1.0 in. nominal Weight: 3.7 lbs/100 ft. nominal Temperature Range: -55° to +150°C

Skydrol Resistant: Yes

ELECTRICAL CHARACTERISTICS

Impedance: 75.0 Ohms nominal **Capacitance:** 20.0 pF/ft. nominal

DC Resistance: 23.7 Ohms/1000 ft. nominal

Time Delay: 1.28 ns/ft. nominal Velocity of Propagation: 82% nominal

Shield Effectiveness: > 90 dB

Attenuation: 1.2 dB/100 ft. @ 10 MHz (nominal) 3.0 dB/100 ft. @ 100 MHz 8.3 dB/100 ft. @ 400 MHz 20.0 dB/100 ft. @ 1450 MHz

CONNECTOR TYPES FOR CABLE 612301

Connector Type	Connector P/N
BNC Straight	N/A
BNC 90°	N/A
BNC Bulkhead	N/A
TNC Straight	N/A
SMA 90°	N/A

Connector Type	Connector P/N
F Straight	N/A
F 90°	N/A
ARINC 600 Size 5	N/A
ARINC 600 Size 8	N/A

Connector Type	Connector P/N
ARINC 404 Size 9	N/A
D-SUB #8 Socket	N/A
D-SUB #8 Pin	N/A
TRR Triax Plun	305-1353-1

