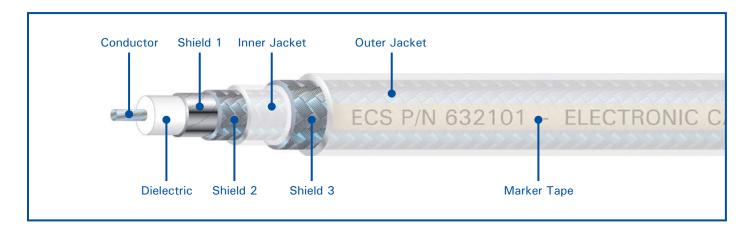
50 Ohm Triaxial Cable P/N 632101





CONSTRUCTION DETAILS

Conductor: 20 AWG stranded silver-plated copper

Dielectric: High temperature fluoropolymer

Shield 1: Aluminum tape

Shield 2: Tin-plated copper braid

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: 0.171 in. nominal Bend Radius: 0.855 in. nominal Weight: 2.9 lbs/100 ft. nominal Temperature Range: -55° to +200°C

Skydrol Resistant: Yes

ELECTRICAL CHARACTERISTICS

Impedance: 50.0 Ohms nominal Capacitance: 26.0 pF/ft. nominal

DC Resistance: 9.6 Ohms/1000 ft. nominal

Time Delay: 1.34 ns/ft. nominal Velocity of Propagation: 76% nominal

Shield Effectiveness: >90 dB

Attenuation: 5.3 dB/100 ft. @ 150 MHz (nominal) 14.3 dB/100 ft. @ 1000 MHz 17.8 dB/100 ft. @ 1600 MHz 21.4 dB/100 ft. @ 2400 MHz 33.4 dB/100 ft. @ 5000 MHz

CONNECTOR TYPES FOR CABLE 632101

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
TRB Triax Plug	PL75-60

