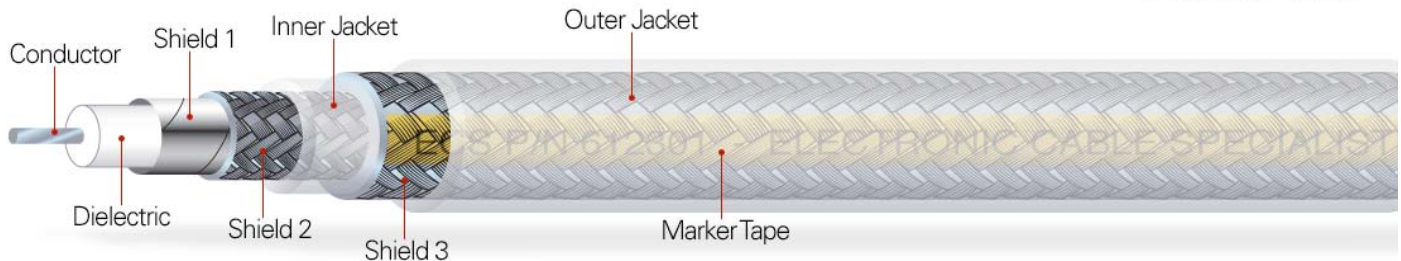




Providing complete avionics installation provisions and support for the Aviation industry since 1984.

75 Ohm Triaxial Cable

P/N 612301



Conductor: 23 AWG stranded tin plated copper
Dielectric: High temperature fluoropolymer
Shield 1: Aluminum tape
Shield 2: Tin plated copper braid
Inner Jacket: White high temperature fluoropolymer
Shield 3: Tin plated copper braid
Outer Jacket: White high temperature fluoropolymer (laser markable)

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
Attenuation: 400 MHz 9.00 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.

Connector Types for Cable 612301

Connector Type	Connector P/N	Connector Type	Connector P/N	Connector Type	Connector P/N
BNC Straight	N/A	F Straight	N/A	ARINC 404 Size 9	N/A
BNC 90°	N/A	F 90°	N/A	D-SUB #8 Socket	N/A
BNC Bulkhead	N/A	ARINC 600 Size 5	N/A	D-SUB #8 Pin	N/A
TNC Straight	N/A	ARINC 600 Size 8	N/A	TRB Triax Plug	305-1353-1
SMA 90°	N/A				

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