



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

75 Ohm Coaxial Cable

P/N 412301-75



Conductor: 23 AWG tin plated copper
Dielectric: High temperature perfluoropolymer
Shield 1: Aluminum/Polyester foil
Shield 2: 36 AWG tin plated copper braid
Jacket: White high temperature fluoropolymer (laser markable)

Physical Characteristics

Outer Diameter: 0.150 in. nominal
Bend Radius: 0.75 in. nominal
Weight: 1.8 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 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.

Connector Types for Cable 412301-75

Connector Type	Connector P/N	Connector Type	Connector P/N	Connector Type	Connector P/N
BNC Straight	UPL220-009	F Straight	PL130SC-009	ARINC 404 Size 9	N/A
BNC 90°	UPLR220-009	F 90°	N/A	D-SUB #8 Socket	CDS882
BNC Bulkhead	UBJ220-009	ARINC 600 Size 5	N/A	D-SUB #8 Pin	CDP882
TNC Straight	UPL240-009	ARINC 600 Size 8	N/A	TRB Triax Plug	N/A
SMA 90°	N/A				

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5300 W. Franklin Drive
 Franklin, Wisconsin 53132 USA

414.421.5300 • 800.327.9473
 sales@ecsdirect.com • www.ecsdirect.com

