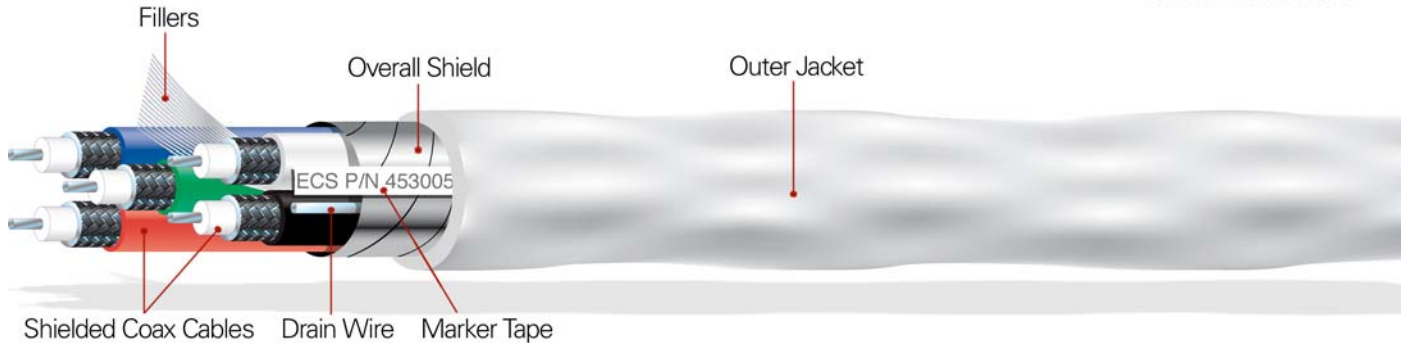




Providing complete avionics installation provisions
and support for the Aviation industry since 1984.

75 Ohm VGA Composite Cable

P/N 453005



5 Conductors

5 Shielded 75 Ohm Coax Cables:

Conductor: 30 AWG stranded silver plated copper

Dielectric: High temperature fluoropolymer

Shield: 38 AWG silver plated copper braid

Jacket: High temperature fluoropolymer

Overall Cable:

Fillers: Fiberglass, to make round

Drain Wire: 26 AWG tin plated copper

Shield 1: Aluminum tape

Outer Jacket: White high temperature fluoropolymer
(laser markable)

Physical Characteristics

Outer Diameter: 0.325 inches nominal

Bend Radius: 1.6 in.

Physical Characteristics (continued)

Weight: 6.5 lbs/100 ft.

Temperature Range: -55° to +150° C

Skydrol Resistant: Yes

Electrical Characteristics

Impedance: 75 Ohm

Capacitance: 19.5 pF/ft nominal

Velocity of Propagation: 70% nominal

Attenuation: 5.3 dB at 10MHz;
(nominal) 10 dB at 100 MHz

Applications

Multi Function Displays, In Flight Entertainment System
Integration, Various Flight Displays.

Color Code:

Blue, Red, Green, White, Black

Environmental:

- ECS Composite 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.

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