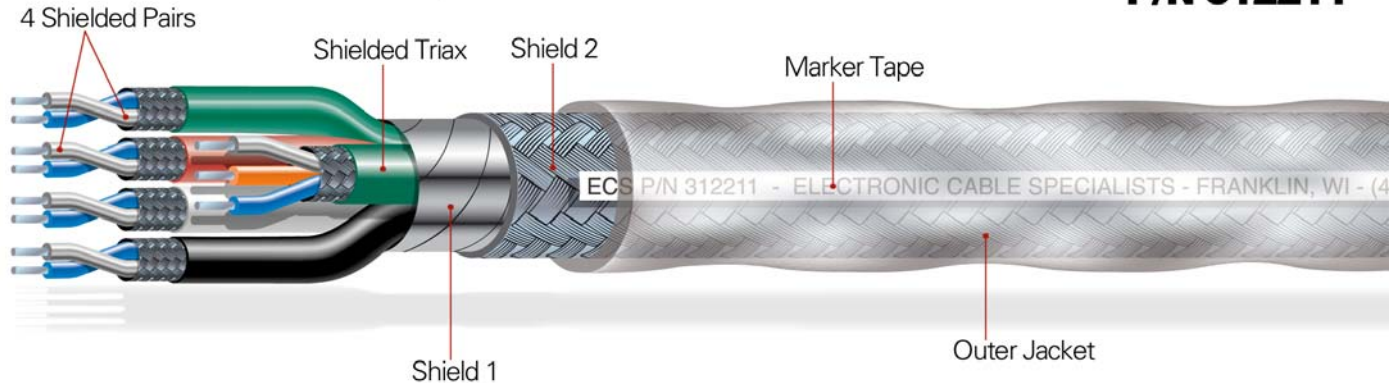




Providing complete avionics installation provisions
and support for the Aviation industry since 1984.

Antenna Composite Cable

P/N 312211



11 Conductors

4 Shielded Twisted Pairs:

Conductors: 22 AWG stranded tin plated copper

Insulation: High temperature fluoropolymer

Shield: 38 AWG tin plated copper braid

Jacket: High temperature fluoropolymer

1 Shielded Twisted Triad:

Conductors: 22 AWG stranded tin plated copper

Insulation: High temperature fluoropolymer

Shield: 38 AWG tin plated copper braid

Jacket: High temperature fluoropolymer

Overall Cable:

Shield 1: Aluminum/Polyester foil

Shield 2: 38 AWG tin plated copper braid

Outer Jacket: Clear high temperature fluoropolymer
(laser markable)

Physical Characteristics

Outer Diameter: 0.436 inches nominal

Bend Radius: 2.10 inches

Weight: 15.4 lbs/100 ft

Temperature Range: -55° to +150° C

Skydrol Resistant: Yes

Applications

LSZ-850 Lightning Sensor Antenna Cable

Color Code:

Shielded Pairs:

Insulation: Blue, White

Jackets: Black, Green, Red, White

Shielded Triad:

Insulation: Blue, Orange, White

Jacket: Green

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.

Cage Code: 66197 • **Issue Date:** 9/21/09

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