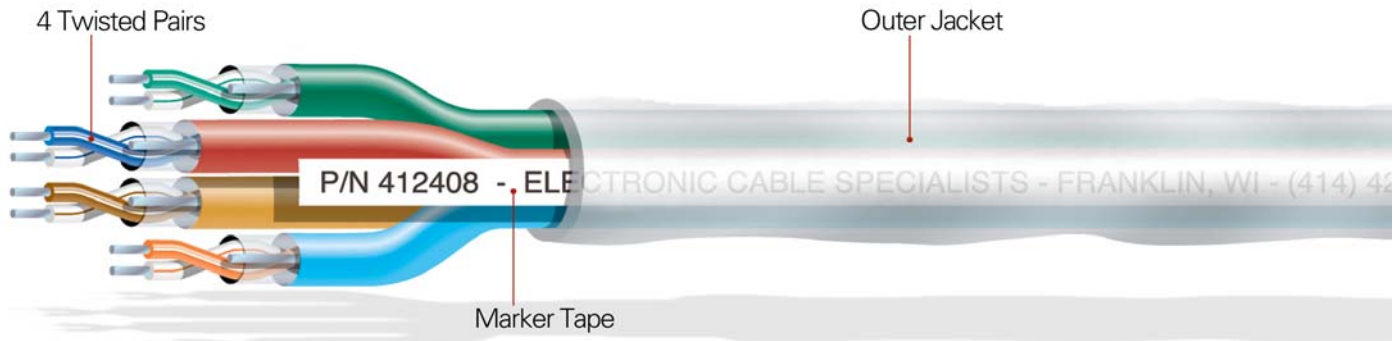




Providing complete avionics installation provisions
and support for the Aviation industry since 1984.

Ethernet Cable

P/N 412408



8 Conductors

4 Shielded Twisted Pairs:

Conductors: 24 AWG stranded tin plated copper
Insulation: High temperature fluoropolymer foam
Drain Wire: 24 AWG stranded tin plated copper
Shield: Aluminum/Mylar foil

Overall Cable:

Outer Jacket: White high temperature fluoropolymer
(laser markable)

Physical Characteristics

Outer Diameter: 0.294 inches nominal
Bend Radius: 1.47 inches
Weight: 3.74 lbs/100 ft
Temperature Range: -55° to +200° C
Skew: < 12.8 ns/100 ft BUS
Skydrol Resistant: Yes

Applications

ARINC 646, Ethernet, 10/100 BaseT

Color Code:

Pair 1: White/Blue, Blue/White
Pair 2: White/Orange, Orange/White
Pair 3: White/Green, Green/White
Pair 4: White/Brown, Brown/White

Pair 1, Shield: Red
Pair 2, Shield: Blue
Pair 3, Shield: Green
Pair 4, Shield: Gold

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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