



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

9 Conductor Composite Cable

P/N 482209



9 Conductors

1 Shielded Twisted Pair:

Conductor: 18 AWG stranded tin coated copper

Insulation: High temperature fluoropolymer

Shield: 38 AWG tin coated copper braid

Jacket: High temperature fluoropolymer

2 Shielded Twisted Pairs:

Conductors: 22 AWG stranded tin coated copper

Insulation: High temperature fluoropolymer

Shield: 38 AWG tin coated copper braid

Jacket: High temperature fluoropolymer

2 Single Conductors:

Conductors: 22 AWG stranded tin coated copper

Insulation: High temperature fluoropolymer

1 Coaxial Cable:

Conductor: Stranded silver clad steel

Dielectric: High temperature fluoropolymer

Shield: Silver coated copper

Jacket: High temperature fluoropolymer

Overall Cable:

Outer Jacket: Black high temperature fluoropolymer
(laser markable)

Physical Characteristics

Outer Diameter: 0.35 inches nominal

Weight: 9.54 lbs/100 ft

Temperature Range: -55° to +150° C

Skydrol Resistant: Yes

Applications

General Purpose

Color Code:

Shielded Twisted Pairs:

Insulation: White, Black

Jackets: White

Single Conductors: Yellow, Gray

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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