



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

SATCOM Wire Harness Cable

P/N 312010



10 Conductors

5 Twisted Pairs:

Conductors: 20 AWG stranded tin plated copper
Insulation: High temperature flouropolymer

Overall Cable:

Shield 1: Aluminum/Polyester foil
Drain Wire: 20 AWG stranded tin plated copper
Shield 2: 36 AWG tin plated copper braid
Outer Jacket: White high temperature flouropolymer
(laser markable)

Physical Characteristics

Outer Diameter: 0.38 inches nominal
Bend Radius: 1.9 inches minimum
Weight: 9.4 lbs/100 ft
Temperature Range: -55° to +150° C
Skydrol Resistant: Yes

Applications

Aero-C SATCOM W6 Wire Harness

Color Code:

Red, Blue; Yellow, Grey; Brown, Green; Violet, White; Black, Black/White

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

5300 W. Franklin Drive
Franklin, Wisconsin 53132 USA

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

