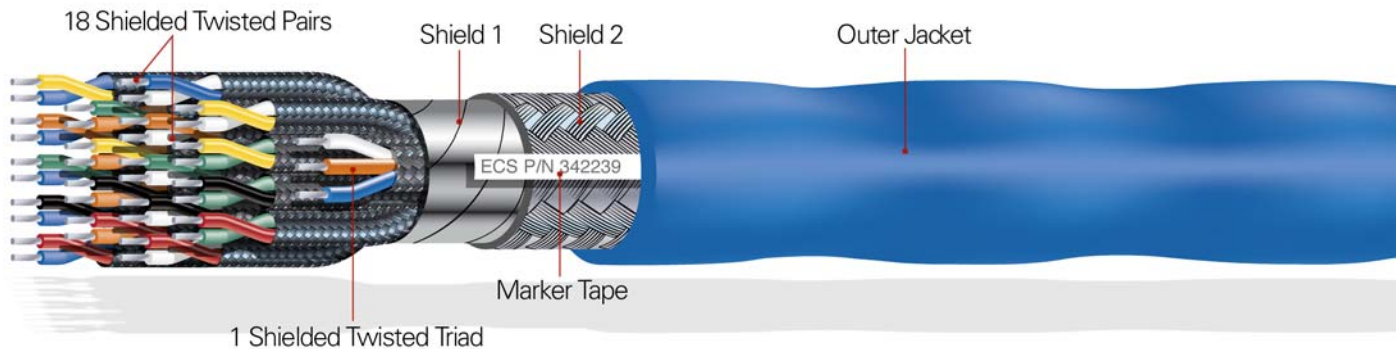




Providing complete avionics installation provisions  
and support for the Aviation industry since 1984.

# Tailwind 500 Cable

**P/N 342239**



## **39 Conductors**

### **18 Shielded Twisted Pair:**

**Conductors:** 22 AWG stranded tin plated copper

**Insulation:** High temperature fluoropolymer

**Shield:** 38 AWG tin plated copper braid

### **1 Shielded Twisted Triad:**

**Conductors:** 22 AWG stranded tin coated copper

**Insulation:** High temperature fluoropolymer

**Shield:** 38 AWG tin plated copper braid

### **Overall Cable:**

**Shield 1:** Aluminum/Polyester tape

**Shield 2:** 36 AWG tin plated copper braid

**Outer Jacket:** White high temperature fluoropolymer  
(laser markable)

## **Physical Characteristics**

**Outer Diameter:** 0.53 inches nominal

**Weight:** 28.0 lbs/100 ft

**Temperature Range:** -55° to +150° C

**Skydrol Resistant:** Yes

## **Applications**

Tailwind 500

## **Color Code:**

**Pair 1:** White, Blue

**Pair 2:** White, Orange

**Pair 3:** White, Green

**Pair 4:** White, Red

**Pair 5:** White, Black

**Pair 6:** White, Yellow

**Pair 7:** Blue, Orange

**Pair 8:** Blue, Green

**Pair 9:** Blue, Red

**Pair 10:** Blue, Black

**Pair 11:** Blue, Yellow

**Pair 12:** Orange, Green

**Pair 13:** Orange, Red

**Pair 14:** Orange, Black

**Pair 15:** Orange, Yellow

**Pair 16:** Green, Red

**Pair 17:** Green, Black

**Pair 18:** Green, Yellow

**Triad:** White, Blue, Orange

## **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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