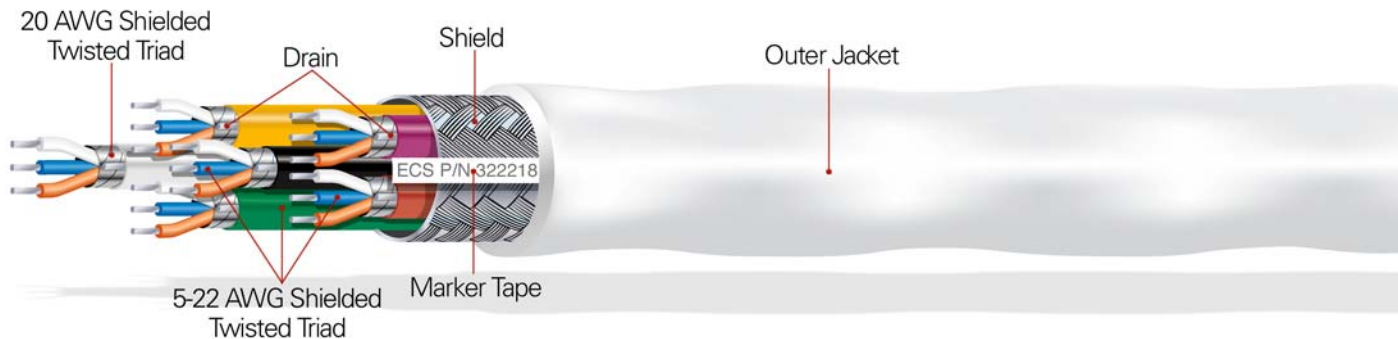




Providing complete avionics installation provisions  
and support for the Aviation industry since 1984.

# Tailwind 500 Cable

**P/N 322218**



## **18 Conductors**

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

**Conductors:** 20 AWG stranded tin plated copper  
**Insulation:** High temperature fluoropolymer  
**Shield:** Aluminum/Polyester tape  
**Drain:** 22 AWG tin plated copper  
**Jacket:** High temperature fluoropolymer

### **5 Shielded Twisted Triads:**

**Conductors:** 22 AWG stranded tin plated copper  
**Insulation:** high temperature fluoropolymer  
**Shield:** Aluminum/Polyester tape  
**Drain:** 24 AWG tin plated copper  
**Jacket:** High temperature fluoropolymer

### **Overall Cable:**

**Shield:** 36 AWG tin plated copper braid  
**Outer Jacket:** White high temperature fluoropolymer  
(laser markable)

## **Physical Characteristics**

**Outer Diameter:** 0.52 inches nominal  
**Bend Radius:** 2.6 inches  
**Weight:** 16.9 lbs/100 ft  
**Temperature Range:** -55° to +150° C  
**Skydrol Resistant:** Yes

## **Applications**

Tailwind 500

## **Color Code:**

### **20 AWG Shielded Triad:**

Insulation: Blue, White, Orange  
Jacket: White

### **22 AWG Shielded Triads:**

Insulation: Blue, White, Orange  
Jackets: Green, Yellow, Red, Violet, Black

## **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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