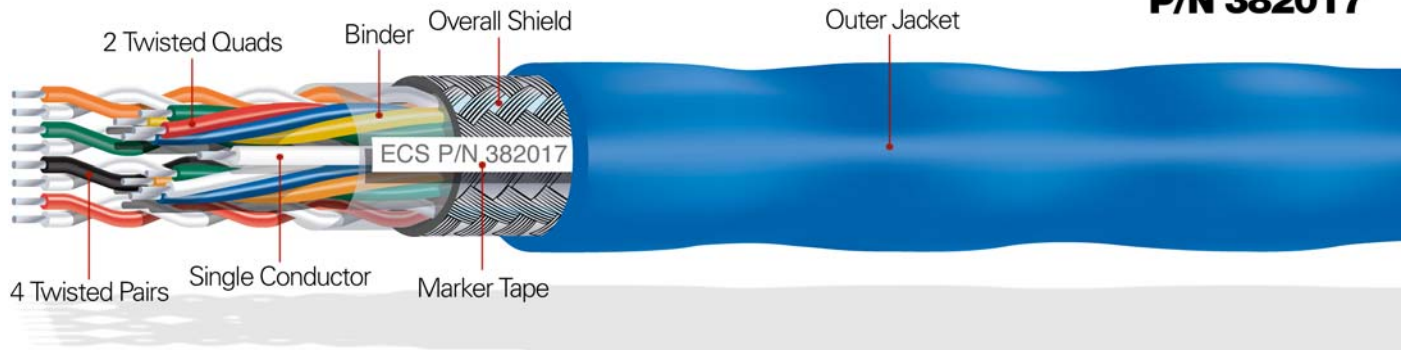




Providing complete avionics installation provisions  
and support for the Aviation industry since 1984.

# AMT 50 Cable

**P/N 382017**



## **17 Conductors**

### **2 Twisted Quads:**

**Conductors:** 22 AWG stranded tin plated copper  
**Insulation:** High temperature flouropolymer

### **4 Twisted Pairs:**

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

### **1 Single Conductor:**

**Conductors:** 22 AWG stranded tin plated copper  
**Insulation:** High temperature flouropolymer

### **Overall Cable:**

**Binder:** Clear Mylar

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

**Outer Jacket:** Blue high temperature flouropolymer  
(laser markable)

## **Physical Characteristics**

**Outer Diameter:** 0.380 inches nominal

**Bend Radius:** 1.9 inches

**Weight:** 8.2 lbs/100 ft nominal

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

**Skydrol Resistant:** Yes

## **Applications**

AMT 50

## **Color Code:**

**Quad 1:** Red, Blue, Yellow, Green

**Quad 2:** White, Blue, Orange, Green

**Pair 1:** White, Orange

**Pair 2:** White, Green

**Pair 3:** White, Red

**Pair 4:** White, Black

**Single Conductor:** 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

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