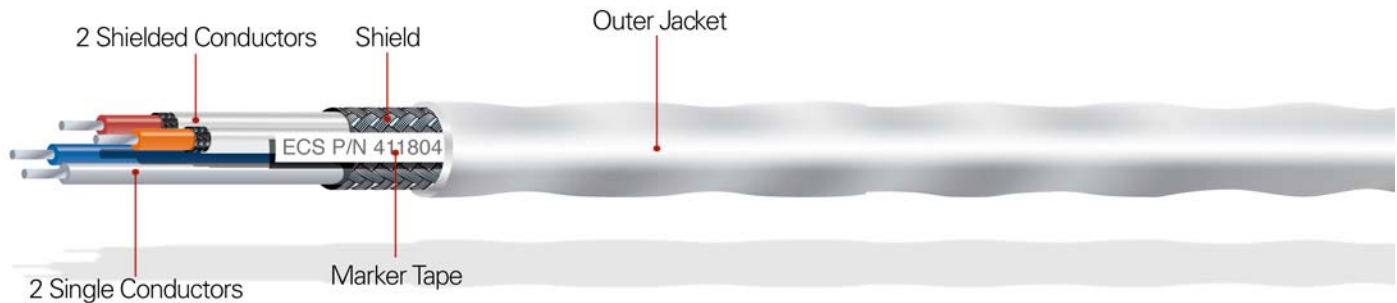




Providing complete avionics installation provisions  
and support for the Aviation industry since 1984.

# 4 Conductor Composite Cable

**P/N 411804**



## **4 Conductors**

### **2 Shielded Single Conductors:**

**Conductors:** 18 AWG stranded tin plated copper

**Insulation:** High temperature fluouropolymer

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

**Jacket:** High temperature fluouropolymer

### **2 Unshielded Single Conductors:**

**Conductors:** 18 AWG stranded tin plated copper

**Insulation:** High temperature fluouropolymer

### **Overall Cable:**

**Shield:** 36 AWG stranded tin plated copper

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

## **Physical Characteristics**

**Outer Diameter:** 0.253 inches nominal

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

**Skydrol Resistant:** Yes

## **Applications**

ARINC 646, Ethernet, 10/100 Base T

## **Color Code:**

### **Shielded Single Conductors:**

Insulation: Orange, Red

Jackets: White

**Unshielded Single Conductors:** White, Blue

## **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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