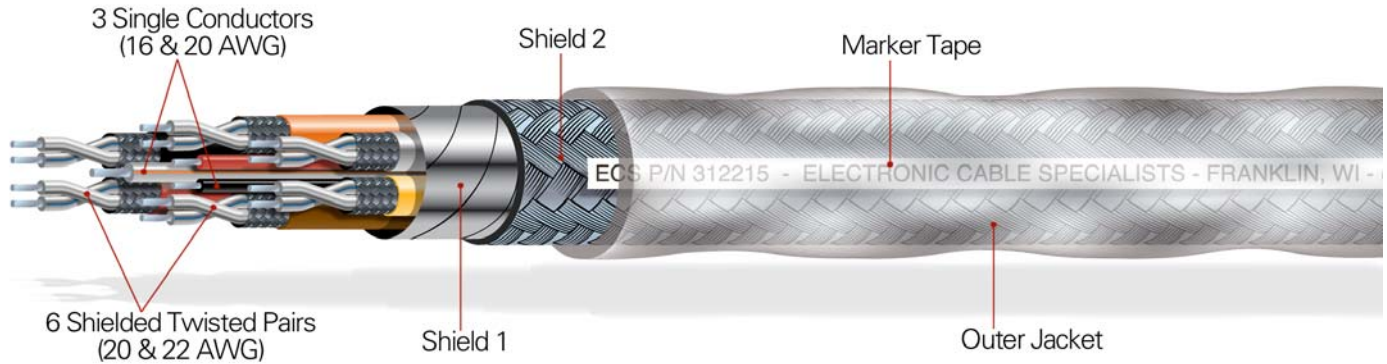




Providing complete avionics installation provisions and support for the Aviation industry since 1984.

# HUD Wiring Harness Cable

**P/N 312215**



### **15 Conductors**

#### **4 Shielded Twisted Pairs:**

**Conductors:** 22 AWG stranded tin plated copper  
**Shield:** 38 AWG tin plated copper braid  
**Jacket:** high temperature flouropolymer

#### **2 Shielded Twisted Pairs:**

**Conductors:** 20 AWG stranded tin plated copper  
**Shield:** 38 AWG tin plated copper braid  
**Jacket:** high temperature flouropolymer

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

**Conductors:** 20 AWG stranded tin plated copper

#### **1 Single Conductors:**

**Conductors:** 16 AWG stranded tin plated copper

### **Overall Cable:**

**Shield 1:** Aluminum/Polyester foil

**Shield 2:** Tin plated copper braid

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

### **Physical Characteristics**

**Outer Diameter:** 0.426 inches nominal

**Bend Radius:** 2.20 inches

**Weight:** 16.5 lbs/100 ft

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

**Skydrol Resistant:** Yes

### **Applications**

HUD Wiring Harness

### **Color Code:**

#### **20 AWG Shielded Pairs:**

Insulation: White/Blue, White  
Jackets: Brown, Orange

#### **22 AWG Shielded Pairs:**

Insulation: White/Blue, White  
Jackets: Black, White, Red, Yellow

#### **20 AWG Single Conductors:** Black, Red

#### **16 AWG Single Conductor:** White/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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