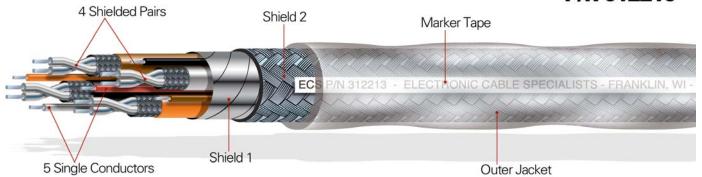


# **HUD Wiring Harness Cable**

## P/N 312213



### 13 Conductors

#### 2 Shielded Twisted Pairs:

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

2 Shielded Twisted Pairs:

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

3 Single Conductors:

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

2 Single Conductors:

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

#### Overall Cable:

Shield 1: Aluminum/Polyester foil

Shield 2: 36 AWG tin plated copper braid

Outer Jacket: Clear high temperature flouropolymer

(laser markable)

## Physical Characteristics

Outer Diameter: 0.365 inches nominal

Bend Radius: 1.80 inches Weight: 12.9 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

20 AWG Single Conductors: Black, Red 22 AWG Single Conductors: Brown, Orange,

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.

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