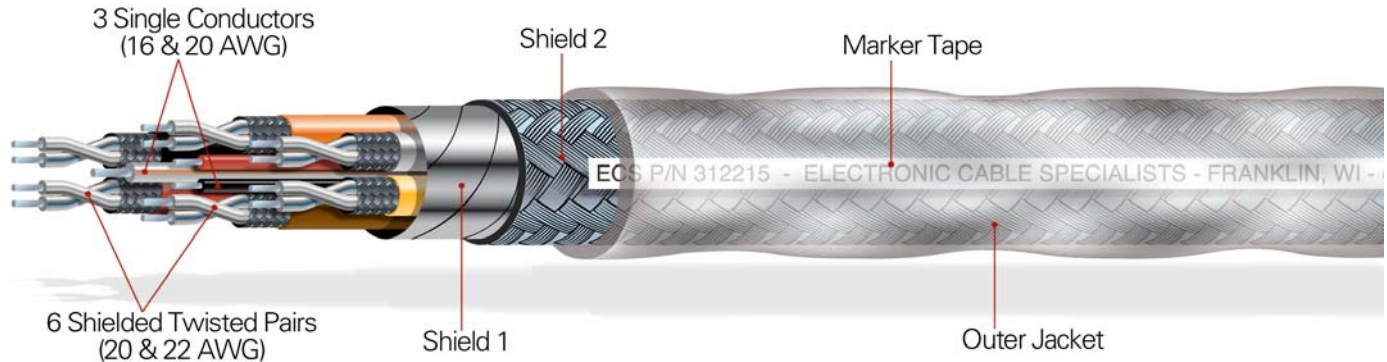




Providing complete avionics installation provisions
and support for the Aviation industry since 1984.

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

5300 W. Franklin Drive
Franklin, Wisconsin 53132 USA

414.421.5300 • 800.327.9473
sales@ecsdirect.com • www.ecsdirect.com

