



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

HUD Wiring Harness Cable

P/N 312213



13 Conductors

2 Shielded Twisted Pairs:

Conductors: 22 AWG stranded tin plated copper

Insulation: High temperature fluoropolymer

Shield: 38 AWG tin plated copper braid

Jacket: high temperature fluoropolymer

2 Shielded Twisted Pairs:

Conductors: 20 AWG stranded tin plated copper

Insulation: High temperature fluoropolymer

Shield: 38 AWG tin plated copper braid

Jacket: high temperature fluoropolymer

3 Single Conductors:

Conductors: 22 AWG stranded tin plated copper

Insulation: High temperature fluoropolymer

2 Single Conductors:

Conductors: 20 AWG stranded tin plated copper

Insulation: High temperature fluoropolymer

Overall Cable:

Shield 1: Aluminum/Polyester foil

Shield 2: 36 AWG tin plated copper braid

Outer Jacket: Clear high temperature fluoropolymer (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.

Cage Code: 66197 • **Issue Date:** 9/21/09

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