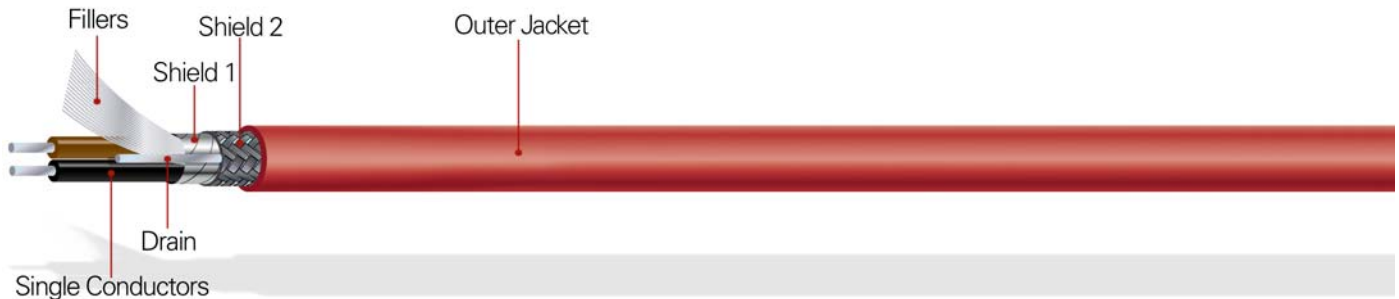




Providing complete avionics installation provisions  
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# 2 Conductor Composite Cable

**P/N 522202**



## **2 Conductors**

### **2 Single Conductors**

**Conductors:** 22 AWG tin plated copper

**Insulation:** High temperature fluoropolymer

### **Overall Cable:**

**Fillers:** Fiberglass, to make round

**Shield 1:** Aluminum/Polyester tape

**Drain Wire:** 22 AWG tin plated copper

**Shield 2:** 38 AWG tin plated copper braid

**Outer Jacket:** Red high temperature fluoropolymer

## **Physical Characteristics**

**Outer Diameter:** 0.226 inches nominal

**Bend Radius:** 1.4 inches minimum

**Weight:** 3.8 lbs/100 ft

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

**Skydrol Resistant:** Yes

## **Applications**

General Purpose

## **Color Code:**

Black, Brown

## **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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