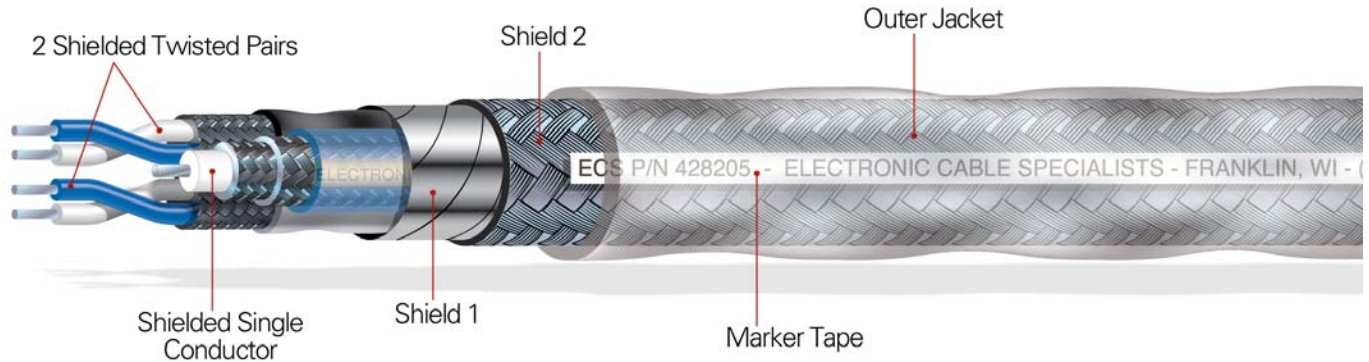




Providing complete avionics installation provisions  
and support for the Aviation industry since 1984.

# Stormscope Composite Cable

**P/N 428205**



## **5 Conductors**

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

**Conductors:** 20 AWG stranded tin plated copper  
**Insulation:** High temperature fluoropolymer  
**Shield:** 36 AWG tin plated copper braid

### **1 RG-58 Type Coax Cable:**

**Conductor:** 20 AWG stranded tin plated copper  
**Dielectric:** High temperature fluoropolymer  
**Shield 1:** 36 AWG tin plated copper braid  
**Shield 2:** 36 AWG tin plated copper braid  
**Inner Jacket:** High temperature fluoropolymer

### **Overall Cable:**

**Shield 1:** Aluminum/Polyester tape  
**Shield 2:** 36 AWG tin plated copper round braid  
**Outer Jacket:** Clear high temperature fluoropolymer  
(laser markable)

## **Physical Characteristics**

**Outer Diameter:** 0.425 inches nominal  
**Bend Radius:** 2.2 inches  
**Weight:** 12.5 lbs/100 ft  
**Temperature Range:** -55° to +150° C  
**Skydrol Resistant:** Yes

## **Applications**

Stormscope WX-8, 10A, 11, 12 Antenna to Processor

## **Color Code:**

### **Shielded Twisted Pairs:**

Insulation: Blue, White  
Jackets: Grey, Black

### **RG-58 Type Coax Cable:**

Jacket: Blue

## **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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