

# PIC D611122

## HONEYWELL LIGHTNING SENSOR SYSTEM

# PRODUCT BULLETIN

## CABLE CONSTRUCTION

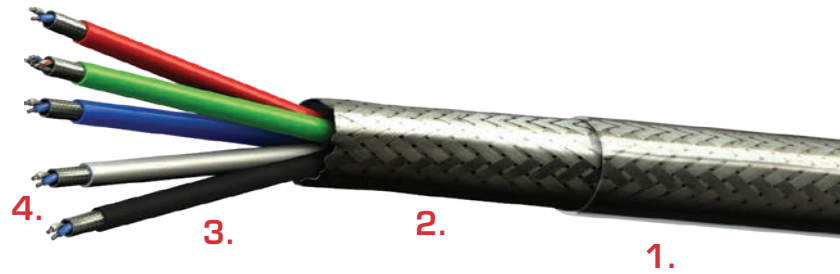
1. Fluoropolymer Jacket (Clear)
2. Tinned Copper Braid Shields
3. ETFE Insulations & Jackets
4. Tinned Copper Conductors

## COLOR CODES

Pair #1: White Jacket, White, Light Blue  
Pair #2: Black Jacket, White, Light Blue  
Pair #3: Red Jacket, White, Light Blue  
Pair #4: Blue Jacket, White, Light Blue  
Triad: Green Jacket, White, White/Blue, White/Orange

This eleven conductor cable (4 pairs, 1 triad) is approved and recommended by the Sperry Commercial Flight Systems Division of Honeywell, Inc. for their LSZ 850 system. It is for interconnecting the antenna (AT 850) to the processor (LP 850); then to the controller (LU 850). It is approved by Honeywell for the APEX/EPIC system.

D611122 cable is Skydrol resistant, RoHS compliant and passes the FAA flammability requirements of FAR Part 23 and 25, Appendix F. Test results are available upon request.



## PHYSICAL DATA

|                                 |                     |
|---------------------------------|---------------------|
| • Conductors                    | 22 AWG x 19 strands |
| • Insulation & Inner Jackets    | ETFE                |
| • Shields                       | 95% Min.            |
| • Outer Jacket                  | Fluoropolymer       |
| • Operating Temperature         | -55° to +150°C      |
| • Outer Diameter: in (mm)       | 0.45 (11.43)        |
| • Minimum Bend Radius (in.)     | 4.50 (114.30)       |
| • Weight: lbs/100 ft (kg/100 m) | 14.5 (21.6)         |

## ELECTRICAL DATA

|                          |     |
|--------------------------|-----|
| • Impedance: ohms*       | 70  |
| • Voltage Rating (volts) | 600 |

*\*per MIL-C-915 (pairs only)*

*All values nominal unless otherwise noted*