### CABLE CONSTRUCTION
1. ETFE Jacket (White) Laser Markable
2. Tin-Plated Copper Braided Shield
3. Foil Shield
4. Silver-Plated Copper Drain Wire
5. PTFE Tape Filler
6. Extruded Fluoropolymer Insulation
7. Silver-Plated Copper Conductors

### COLOR CODES
Data Pair: White, Green
Power Wires: Red, Black

This cable has been specially designed by PIC for Airborne USB 2.0 high speed applications. The 100% foil and 80% braided shielding provides for further protection against EMI. This advanced design will allow cable runs up to 18 feet.

USB2422 meets or exceeds all EIA-364-XX specifications. It is Skydrol resistant, RoHS compliant and meets the FAA flammability requirements of FAR Part 23 and 25, Appendix F.

Contact PIC Wire & Cable for connector availability and to inquire about pre-assembled, tested cable assemblies.

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### PHYSICAL DATA
- **Conductors**
  - Data Pair: 24 AWG Stranded SPC
  - Power Wires: 22 AWG Stranded SPC
  - Drain Wire: 28 AWG Stranded SPC
- **Shield Coverage**
  - 100% (Foil), 80% (Braid)
- **Operating Temperature**
  - -55° to +150°C
- **Outer Diameter:** in (mm) 0.18 (4.57)
- **Minimum Bend Radius:** in (mm) 1.00 (25.40)
- **Weight:** lbs/100 ft (kg/100 m) 2.4 (3.6)

### ELECTRICAL DATA
**Data pair**
- Impedance: ohms 90
- Time Delay: ns/ft (m) 1.39 (4.56)
- Capacitance: pF/ft (m)
  - Cond. to Cond. 13.0 (42.7)
  - Cond. to Shield 21.0 (68.9)
- Attenuation: dB/1 m Max
  - @ 96 MHz 7.2
  - @ 200 MHz 10.5
  - @ 400 MHz 15.9

**Power wires**
- DC Resistance: ohms/1000 ft (m) Max 15.2 (49.9)

*All values nominal unless otherwise noted*