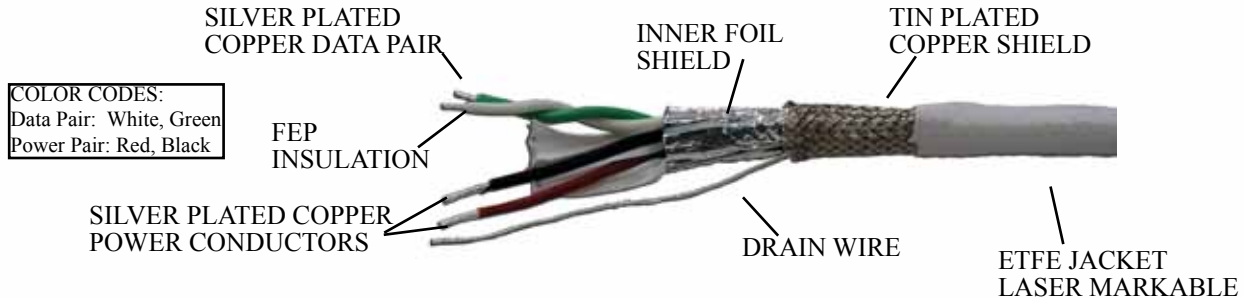




AEROSPACE USB HIGH SPEED DATA CABLE



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 16 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

PHYSICAL DATA

Conductors	
Data Pair	24 AWG Stranded SPC
Power Pair	22 AWG Stranded SPC
Drain Wire	28 AWG Stranded SPC
Insulation	Extruded FEP
Temperature	-55° to +150°C
Shield Coverage	100% (Foil), 80% (Braid)
Outer Diameter	0.18 in.
Min. Bend Radius	1.0 in.
Weight (lbs / 100ft)	2.4

ELECTRICAL DATA

Data Pair Impedance (ohms)	90 ± 15%
Delay (ns/ft)	1.38
Velocity of Propagation (%)	73.5
Attenuation (dB/100 ft. Max)	
@ 96 MHz	11.12
@ 200 MHz	18.82
@ 400 MHz	34.12
Power Pair:	
DC Resistance (ohms/1000 ft.)	15.2
Voltage Drop @ 500 mA (mV/ft)	7.6

All values nominal unless otherwise noted.

Contact PIC Wire for Assembly Information

**Most Cables are in Stock and Available for Quick Delivery
Please Contact Customer Service for Details @ 262-246-0500**

