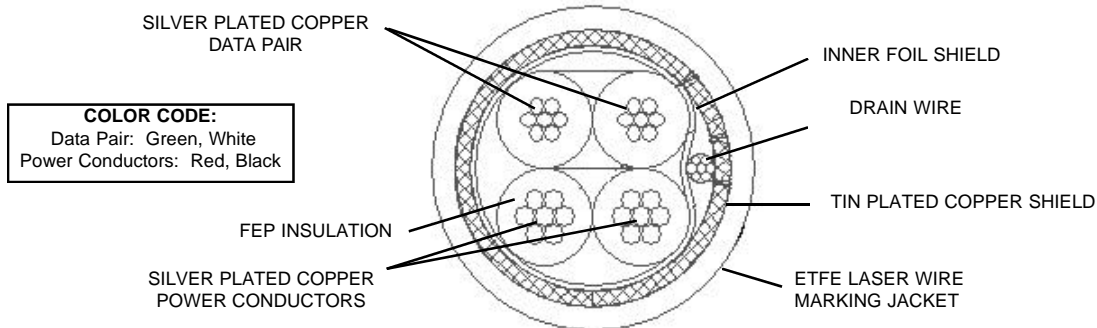


AEROSPACE USB HIGH SPEED CABLE


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 18 feet.

USB2422 meets or exceeds all EIA-364-XX specifications. It is Skydrol resistant and meets the FAA flammability requirements of FAR 23.1359(d), FAR 25.853(a) and FAR 25.869(a)(4).

PHYSICAL DATA

Conductors	
Data Pair	24 AWG (7/32) SPC
Power Pair	22 AWG (7/30) SPC
Insulation	Extruded FEP
Temperature	-55° to +150°C
Shield Coverage	100% (Foil), 80% (Braid)
Outer Diameter, Nominal	0.18 in.
Min. Bend Radius	1.0 in.
Weight per 100 ft.	TBD
Color Coding:	
Data Pair	Green, White
Power Pair	Red, Black

ELECTRICAL DATA

Impedance (ohms)	90Ω ±15%
Capacitance (pF/ft) (Between Conductors)	9.7
Velocity of Propagation, Nominal	73.5%
Attenuation (Maximum) (dB/100 ft.)	
@ 96 MHz	11.12
@ 200 MHz	18.82
@ 400 MHz	34.12
Power Pair:	
DC Resistance	15.2Ω/1000 ft
V Bus @ 500 mA	7.6 mV/ft

PIC P/N USB2422

IN STOCK FOR IMMEDIATE SHIPMENT
