



PIC DataMATES® have been specially designed 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.

Our USB cables meet or exceed all EIA-364-XX specifications. They are Skydrol resistant, RoHS compliant and meet the FAA flammability requirements of FAR Part 23 and 25, Appendix F.

**Let PIC Wire Solve your USB Needs:**

- Meets USB 2.0 up to 18 feet
- Laser Markable
- Quick Turn Assemblies

# AEROSPACE USB SOLUTIONS

## Physical and Electrical Data

All values nominal unless otherwise noted  
Contact PIC Wire for Assembly Information

USB Cable	Conductor	Attenuation dB/100 ft (m) max	Time Delay ns/ft (m)	Cable O.D. in (m)	Minimum Bend Radius in (m)	Weight lbs/100 ft (m)	Temperature Range (°C)	DC Resistance ohms/1000 ft (m)
USB3-2624	Data: 26 AWG SPCA Power: 24 AWG Drain Wire: 28 AWG Stranded SPC	@ 625 MHz: 1.07 (3.51) @ 1.25 GHz: 1.52 (4.99) @ 2.50 GHz: 2.24 (7.35) @ 5.00 GHz: 3.38 (11.09) @ 7.50 GHz: 4.60 (15.09)	1.46 (4.79)	0.20 (5.08)	2.00 (50.80)	3.4 (5.1)	-55/+200	28.4 (93.2)
USB2624	Data: 26 AWG SPCA Power: 24 AWG Drain Wire: 28 AWG Stranded SPC	@ 96 MHz: 10.0 (32.8) @ 200 MHz: 12.8 (42.0) @ 400 MHz: 18.2 (59.7)	1.48 (4.86)	0.16 (4.17)	0.50 (12.70)	2.2 (3.3)	-55/+200	25.0 (82.0)
USB2422	Data: 24 AWG Power: 22 AWG Drain Wire: 28 AWG Stranded SPC	@ 96 MHz: 9.0 (29.5) @ 200 MHz: 15.1 (49.6) @ 400 MHz: 27.4 (89.9)	1.39 (4.56)	0.18 (4.57)	1.00 (25.40)	2.4 (3.6)	-55/+150	15.2 (49.9)