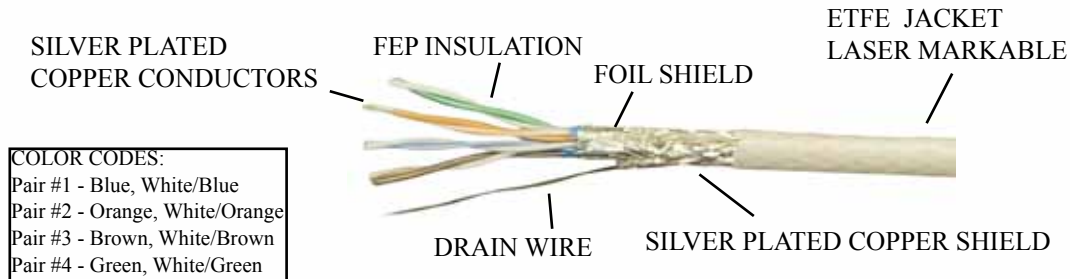




## 100 Ω DIGITAL VIDEO 8 CONDUCTOR (4- Pair) CABLE



This cable has been specially designed by PIC for airborne Digital Video applications. Today's high resolution video displays require a high performance cable that exhibits low signal skew and low return loss. Each signal in a video cable must arrive at the video display at the same time in order to provide a sharp and clear video image. The difference in signal delay from pair to pair is known as skew.

This cable provides a very low skew between pairs allowing long cable runs while still maintaining performance. This cable will replace an RGB bundled coax composite cable that would typically be used, providing a weight savings and ease of installation. Each pair is also bonded together to maintain 100 ohm impedance.

DVI50824 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		ELECTRICAL DATA	
Conductors	24 AWG Stranded SPC	Impedance (ohms)	100
Shield Coverage	100% (Foil), 85% (Braid)	Capacitance (pF/ft) (Between Conductors)	15
Outer Diameter (in.)	0.235	Velocity of Propagation (%)	70
Temperature	-50° to +200°C	Attenuation (dB/100 ft.) Max.	
Weight (lbs / 100ft)	4.8	@ 10 MHz	2.62
		@ 100 MHz	8.84
		Dielectric Voltage Rating (KV RMS)	1.5
		Inter-pair delay skew (ns/100 ft.)	1.22
		DC Resistance (Ohms/100 ft.) Max	2.86

All values nominal unless otherwise noted.

### Connectors

RJ45 Shielded Plug	PIC P/N 190506
RJ45 Shielded Plug	PIC P/N 190558
RJ45 Crimp Tool	PIC P/N 110288

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

