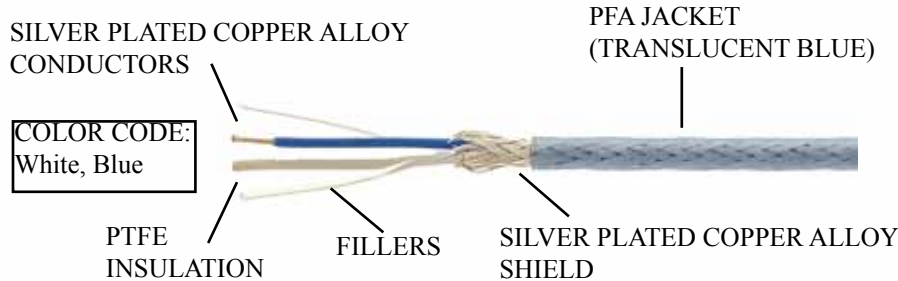




### 77 Ω MIL-STD 1553B DATA BUS CABLE



This 77Ω Twinaxial Cable is designed to transmit digital information with shield protection against EMI and other outside interference. PTFE rod fillers are used to maintain electrical properties, while yielding a round cable cross section.

The MIL-Standard 1553 specification permits a single transmission cable of this type to be used for 1 MHz multiplex computerized data distribution systems in aircraft and military vehicles. Its major advantage over multiple cables is size and weight combined with its information carrying capabilities. All departments and agencies of the Dept. of Defense have approved the cable as part of the MIL-C-17 Qualified Products List (QPL).

This is the recommended cable for ARINC 708 radar systems.

D771553 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 High Strength Alloy	Impedance (ohms)	77
Shield Coverage	93% Min	Capacitance (pF/ft)	24
Outer Diameter, (in.)	0.130	Velocity of Propagation (%)	68
Temperature Rating	-55°C to +200°C	Dielectric Voltage Rating (KV RMS)	1.5
Weight per 100 ft. (lbs)	1.8	DC Resistance (Ohms/100 ft.)	2.8
		<b>M17/176-00002</b>	

All values nominal unless otherwise noted.

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

