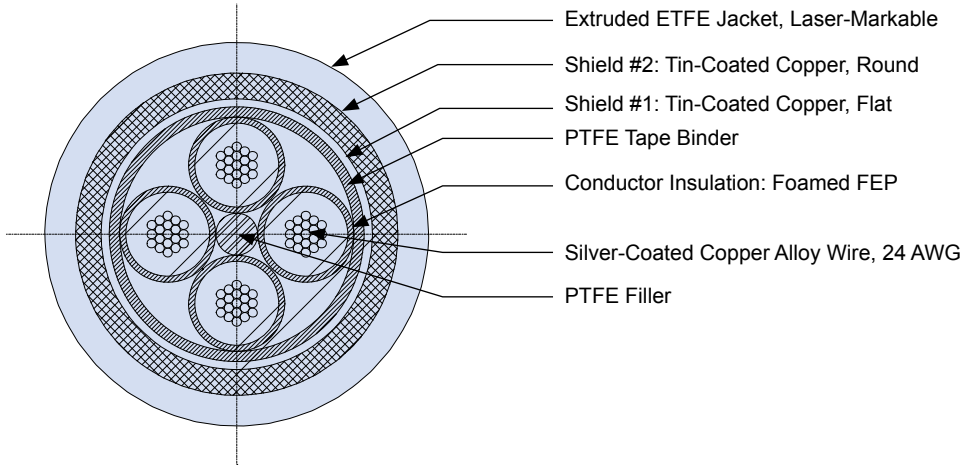




963-023



24 AWG Quadrax Cable, ETFE Jacket  
PIC E51424

**963-023 100 OHM ETHERNET CABLE, EXTRUDED ETFE JACKET, WITH 24 AWG CONDUCTORS**



Physical Characteristics	
Conductors	24 AWG Stranded, silver plated copper alloy
Shield Coverage	100% (foil) 85% (braid)
Temperature Rating	-55° to +150°C
Outer Diameter (Inches)	0.161
Minimum Bend Radius (Inches)	0.80
Weight (Pounds/100 ft.)	2.2
Color Codes	red, blue, green, yellow

Electrical Performance			
Impedance (Ohms)	100		
Capacitance (pF/ft.)	13.0		
Velocity of Propagation	80.0%		
Dielectric Voltage Rating (KV RMS)	1.5		
DC Resistance (Ohms/100ft) Max	2.62		
	Attenuation (dB/100 ft.) Max	Structural Return Loss (SRL) Min	Near-End Cross Talk (NEXT) (dB) Min
@ 10 MHz	-2.7	-23.0	-50.3
@ 100 MHz	-9.2	-16.0	-35.3
@ 250 MHz	11.0 (nominal)	-16.0	-25.0

Compatible Contacts*	
 Size 8 Quadrax Pin <b>854-001-02</b>	 Size 8 Quadrax Socket <b>854-002-02</b>

\*IAW pending AS39029/119 and /120

**Notes**

Skydrol resistant, RoHS compliant, and passes FAA flammability requirements of FAR Part 23 and 25, Appendix F. Test results available upon request. Cable is sold in 1 foot increments.