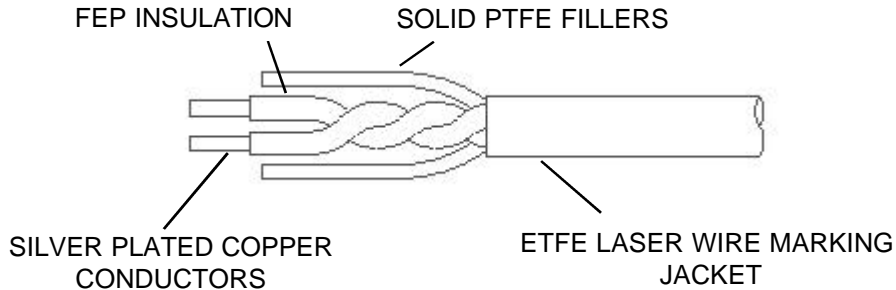


**10/100BASE-T (2-Conductor) UNSHIELDED CABLE**



This cable has been specially designed by PIC for airborne 10- and 100Base-T High Speed Data applications. The cable is unshielded and designed for specific entertainment systems not requiring shielding. Without the shield, termination time and weight are reduced.

Data transmission aboard aircraft faces a more severe environment than conventional LAN systems in commercial buildings, hence special measures have been taken to preserve technical performance.

Each conductor is surrounded by solid FEP. Silver-plated copper stranded conductors assure uniform conductivity with excellent solderability and flexibility. An ETFE laser wire marking jacket protects the cable against abrasion and environmental effects while maintaining flexibility for ease of installation.

E60224 exceeds ANSI/TIA-568A Category 5e requirements. 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		ELECTRICAL DATA	
Conductors	24 AWG (7/32) SPC	Impedance (ohms)	100
Insulation	Solid FEP	Capacitance (pF/ft) (Between Conductors)	14.5
Temperature	-55° to +150°C	Velocity of Propagation	70%
Outer Diameter, Nominal	0.102 in.	Attenuation (Maximum) (dB/100 ft.)	
Min. Bend Radius	.60 in.	@ 10 MHz	2.4
Weight per 100 ft.	.9 lbs	@ 100 MHz	8.0
Color Coding:	Blue, White	Dielectric Withstanding Voltage	1.5 KV RMS

**PIC P/N E60224**

