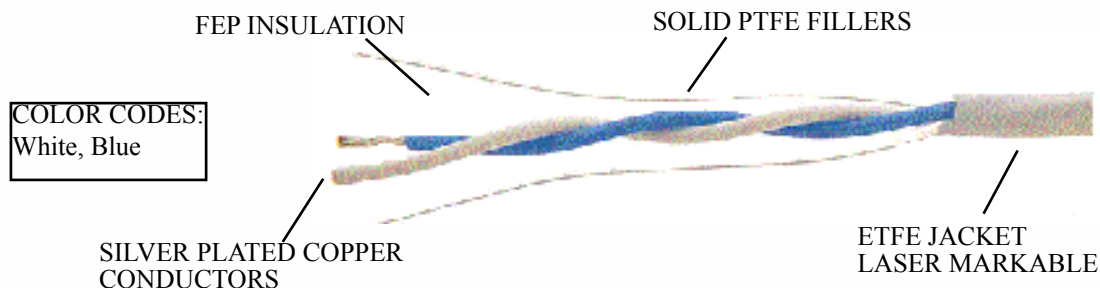


10/100BASE-T 1 Pair (2-Conductor) UNSHIELDED CABLE



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 markable jacket protects the cable against abrasion and environmental effects while maintaining flexibility for ease of installation.

E60224 exceeds ANSI/TIA-568B Category 5e requirements. It 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

Conductors	24 AWG Stranded SPC
Outer Diameter (in.)	0.102
Temperature	-55° to +200°C
Min. Bend Radius (in.)	.60
Weight (lbs / 100ft)	0.9

ELECTRICAL DATA

Impedance (ohms)	100
Capacitance Between Conductors (pF/ft)	14.5
Velocity of Propagation (%)	70
Attenuation (dB/100ft.) Max	
@ 10 MHz	2.4
@ 100 MHz	8.0
Dielectric Voltage Rating (KV RMS)	1.5
Structural Return Loss (SRL) (dB) Min	
@ 10 MHz	23.0
@ 100 MHz	16.0
DC Resistance (Ohms/100 ft.) Max	2.42

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

