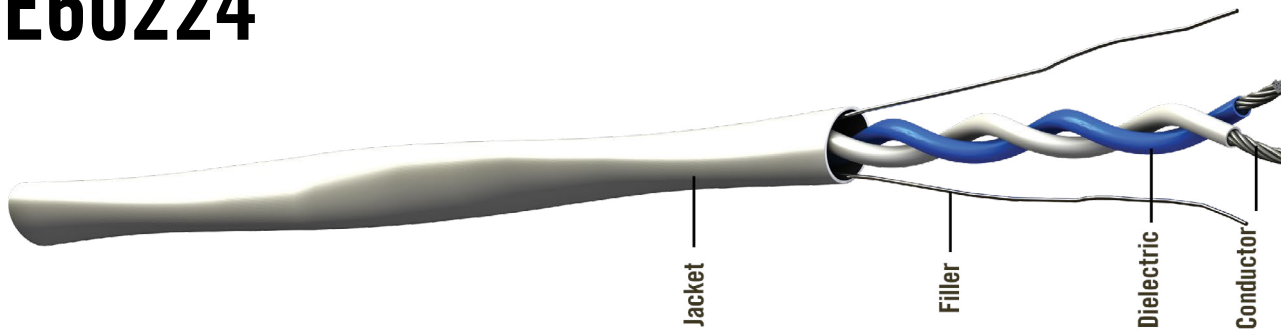


E60224



CABLE CONSTRUCTION

Conductors: Silver-Plated Copper
Dielectric: FEP
Fillers: Fluoropolymer
Jacket: ETFE, White (Laser Markable)

COLOR CODES

Pair #1: White/Blue

The E60224 is a 1 pair, 10/100 Base-T CAT5e cable specially designed for airborne applications as defined by ARINC Specification 664. The E60224 cable is unshielded and designed for specific entertainment systems not requiring shielding. Without the shield, termination time and weight are reduced. The twisted-pair construction of silver-plated copper conductors assures uniform conductivity with excellent solderability. A laser-markable ETFE jacket protects the cable against abrasion and environmental effects while maintaining flexibility for ease of installation.

PHYSICAL DATA

Conductor:	24 AWG Stranded SPC
Temperature Range:	-55 to +200°C
Outer Diameter: in (mm)	0.102 (2.59)
Minimum Bend Radius: in (mm)	0.6 (15.24)
Weight: lbs/100 ft (kg/100 m)	0.9 (1.3)

ELECTRICAL DATA

Impedance:	100 ohms
Capacitance: pF/ft (m)	14.5 (47.6)
Velocity of Propagation:	70%
Dielectric Voltage Rating: (kV, RMS)	1.5
DC Resistance: ohms/1000 ft (m)	28.5 (93.5)

ENVIRONMENTAL DATA

Skydrol Resistant: SAE AS4373E, Method 601
RoHS Compliant: RoHS Directive 2002/95/EC
Flame / Smoke Requirements: FAR Part 25.869 (a) App. F, Part 1, (a)(3)
Berry Specialty Metals Compliance: Complies with DFARS 252.225-7014, Alt 1

ATTENUATION DATA

Frequency	Nom / Max dB/100 ft	Nom / Max (dB/100 m)
@10 MHz	1.9/2.4	(6.2/7.9)
@100 MHz	7.2/8.0	(23.6/26.2)

All values nominal, unless otherwise noted

**E60224
CAT 5E ETHERNET CABLE**

