

**DESCRIPTION**

LAN CABLE UTP CAT5E 4PR 24AWG ANSI/TIA/  
EIA: 568C.2 RoHS COMPLIANT  
\*\*\*\*FT MM/YY

**FEATURES AND BENEFITS**

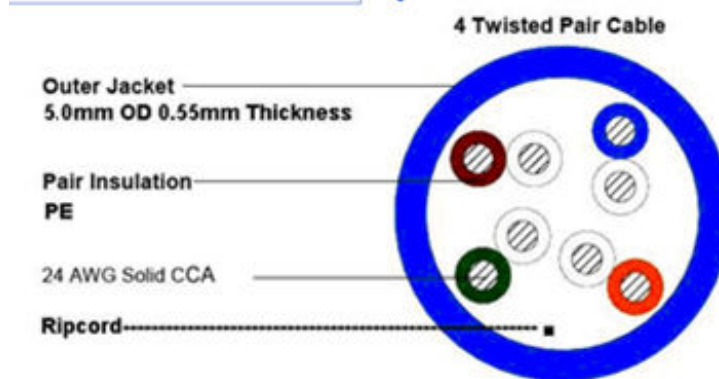
- Structured Cabling for Ethernet Networks
- Unique pair twisting for balanced line signaling
- Sequential footage markings

**APPLICATIONS**

- IEEE 802.3: 1000Base-T, 100 Base-TX, 10Base-T, PoE, PoE+
- CDDI, Token Ring, ATM
- Digital Video
- Broadband and Baseband Analog Video

**STANDARD COMPLIANCES**

- ANSI/TIA 568-C.2
- ANSI/TIA 862 (Building Automation)
- ISO/IEC 11801 Ed. 2.0 (Class EI)
- ICEA 8-102-700 (Category 6 or 5E)
- REACH Compliant
- CPR Compliant (Fully Comply to 305/2011 & EN 50575:2014-09)
- RoHS Compliant Directive 2002/95/EG


**CHARACTERISTICS**

|                           |                                      |
|---------------------------|--------------------------------------|
| Installation Temperature  | 0°C to 60°C                          |
| Operation Temperature     | -20°C to 60°C                        |
| Capacitance               | 14pf/ft nominal                      |
| DC Resistance/Unbalance   | 28.6 ohms/1000'Max/5% Max            |
| Dielectric Breakdown      | 2500 Volts DC Conductor to Conductor |
| Velocity of Propagation   | 71%                                  |
| Nominal Maximum Skew      | 11ns@100 meters                      |
| Characteristics Impedence | 100 Ohms ± 15%                       |

Fluke test: 70M test pass

**PAIR IDENTIFICATION**

|        |                       |
|--------|-----------------------|
| Pair 1 | Blue *Blue/White      |
| Pair 2 | Orange * Orange/White |
| Pair 3 | Green * Green/White   |
| Pair 4 | Brown *Brown/White    |

Toll Free: (866) 945-5051  
Local: (770) 945-5051  
Fax: (770) 945-9582  
www.commoditycables.com

