

# PRODUCT SPECIFICATION

## U/UTP 25-PAIRS CABLE, CATEGORY 5E, PVC

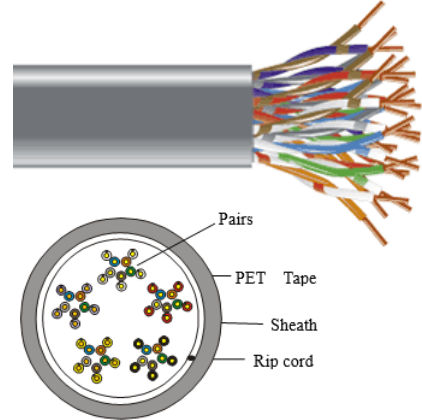
### INTRODUCTION

The Category 5E multi-pair cable is used for voice or telco applications which is constructed of solid bare copper conductors with PVC or LSZH jacket.

### CAT5E 25-PAIR U/UTP CABLE, PVC

The 25-pair Category 5E U/UTP cable is composed of 24 AWG (0.50) solid bare copper conductors and fully complied with TIA-568-D.2 Category 5E component standards.

The cable sheath is marked with meter which allows simple and easy calculation of the cable remaining in the box.



### FEATURES

- Available in 305 meters (1000ft) per drum
- 24 AWG bare solid copper conductor
- Available in PVC and LSZH jacket
- 25-year system warranty available

### REFERENCE STANDARDS

- CMR – UL1666
- ISO/IEC 11801; TIA/EIA-568-D.2

### APPLICATIONS

- Voice
- T1
- Telco
- 10BASE-T
- 100BASE-T

### SPECIFICATIONS

|                          |  |  |  |
|--------------------------|--|--|--|
| <b>Product Number:</b>   | CCUU5E025CMR   | <b>Electrical Characteristics (20°C)</b> | 1-100MHz Impedance ( $\Omega$ ) $100 \pm 15$<br>Delay Shew (ns/100m) $\leq 45$<br>NVP 68%<br>DC Resistance ( $\Omega$ /100m) max: 9.5<br>DC Conductor Resistance Unbalance (%) max 5.0 |
| <b>Category:</b>         | CAT5E  | <b>Packing:</b>                          | Drum   |
| <b>Conductor (1):</b>    | Solid Bare Copper<br>0.5mm Norm.O.D. $\pm 0.005$   | <b>Packing Length:</b>                   | $305 \pm 1.5$ m  |
| <b>Insulation (2):</b>   | HDPE; Diameter $0.90 \pm 0.05$ mm  | <b>Installation Temperature:</b>         | $-30^{\circ}\text{C} \sim +50^{\circ}\text{C}$   |
| <b>Rip-cord (3):</b>     | Yes  |  |  |
| <b>Shielded (4):</b>     | PET Tape   |  |  |
| <b>Sheath (5):</b>       | Thickness: $1.0 \pm 0.2$ mm<br>External O.D.: $13.5 \pm 0.8$ mm<br>Surface: Clean, Frap, Satiation<br>Material: PVC<br>Color: Multiple |  |  |
| <b>Drain Wire:</b>       | No   |  |  |
| <b>Surface Printing:</b> | Letter height: $3.0 \pm 0.3$ mm<br>Color: Black<br>Print error & space: $\leq \pm 0.5\%$ , 1m  |  |  |

The information and specification in this document are subjected to change without notice