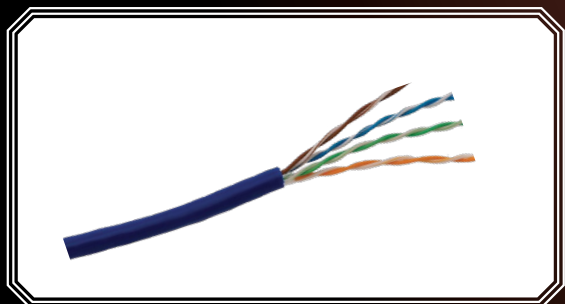


# CAT5e UTP CABLE



Cat5e Solution Products

Cat6 Solution Products

Cat6a Solution Products

Copper Solution  
Product Accessories

Fiber Optic Cables

Fiber Optic Components

Enhanced performance cable for transmission of high-speed data, digital and analogue voice and video (RGB) signals on LANs. Supports Gigabit Ethernet (1000 baseT) standard. Operates at bandwidth up to 100MHz.

This cable well exceeds the requirements of TIA/EIA-568-C.2 and ISO/IEC 11801 Approval:



## SPECIFICATIONS

|                 |  |
|-----------------|--|
| Category:       | 5e UTP Solid cable                           |
| Conductor:      | 24 AWG Multicore (Solid)                     |
| Conductor:      | Bare Copper                                  |
| Insulation:     | HD-PE  |
| Material:       | FR PVC                                       |
| Heat-resistant: | 75 degree C maximum<br>(Temperature limited) |
| Cable Diameter: | 5 mm nominal                                 |

## ORDERING INFORMATION

| PART CODE       | DESCRIPTION                      |
|-----------------|----------------------------------|
| NCB-5EUGRYR-305 | CAT5e UTP 24AWG Solid:305m, Grey |
| NCB-5EUBLUR-305 | CAT5e UTP 24AWG Solid:305m, Blue |

## KEY FEATURES

- Comply with Cat5e specifications
- 4-pair unshielded twisted pair (UTP) cable
- 24 AWG solid copper conductor
- PE insulation
- FR PVC Jacket
- Packaged in an easy to pull reel in a box for easier installation

## COLOUR CODE

| PAIR NO | COLOUR                         |
|---------|--------------------------------|
| 1-2     | White/Orange Stripe and Orange |
| 3-6     | White/Green Stripe and Green   |
| 4-5     | White/Blue Stripe and Blue     |
| 7-8     | White/Brown Stripe and Brown   |

## ELECTRICAL PROPERTIES

|                           |              |
|---------------------------|--------------|
| Characteristic Impedance: | 100±15Ω      |
| Conductor Resistance:     | ≤ 9.38Ω/100m |
| Mutual Capacitance:       | <5.6nF/100m  |
| Resistance Unbalance:     | 5% Max       |
| Capacitance Unbalance:    | 330pF/100m   |
| Delay Skew:               | <45ns        |
| NVP:                      | 69%          |

