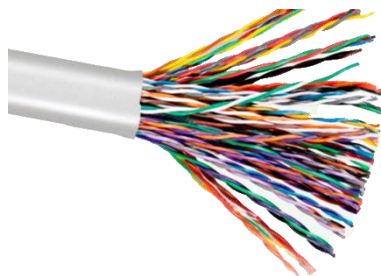


# Category 3 UTP 100 Pair Cable



Category 3 UTP 100 MHz Cable Consists of HDPE Insulated 24AWG Solid Bare Electrolytic Grade Copper Conductors Twisted as 100 Pairs, PVC Outer Jacket. This Cable is Suitable for transmitting data, telephone and television signals at frequencies up to 100 MHz

## Features

- Complies to IEC:60228, ASTM D-2863, ASTM D 2843, IEC 60754-I, IS 5831, IS 8130 for Category 3
- Cable Characterized up to 100 MHz
- 100 Pair Design
- Covered under 3C3® Performance Warranty

## Mechanical Specifications

Conductor AWG	: 24 AWG
Conductor Material	: Solid Annealed Bare Copper
Conductor Diameter	: $0.5 \pm 0.05$ mm
Insulation Material	: PE
No. of pair	: 100
Pair Color Coding	: As per GR/CUG-01/03 August, 2003
Outer Sheath Thickness	: 0.8mm
Overall cable diameter	: $22.9 \pm 3$ mm
Outer Jacket Material	: PVC
Outer Sheath Color	: Black
Packing	: Reel of 100m

## Electrical Specifications

Max. Conductor Resistance	: $92 \Omega/\text{Km}$
Mutual Average Capacitance	: $52 \pm 3 \text{ nF/Km}$
Pair to Pair Ground Capacitance	: 50pF/ft
Unbalance	
Dielectric Strength for 3 sec	: 2.4DC

*Note: Image shown here is only for reference*

# Category 3 UTP 100 Pair Cable

## Environmental Specifications

Installation Temperature	:	-0°C to +60°C
Storage Temperature	:	-0°C to +60°C
Operating Temperature	:	-0°C to +60°C

## Ordering Information

Product Code	Description
86920-004-6090	Category 3 UTP 100 MHz, 100 Pair Cable, PVC