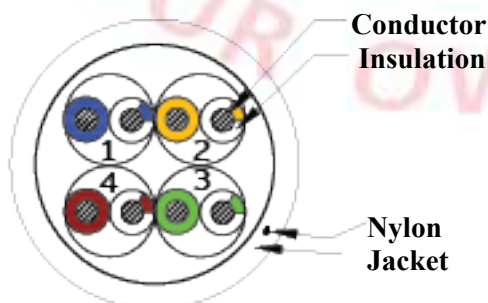


## CAT5E UTP 0.45MM Bare Copper

### CONSTRUCTION & DIMENSION

Conductor	Material : Bare Copper Solid Size : 24AWG*4P Construction : 1/0.45±0.01MM
Insulation	Material : HDPE Avg.Thickness : 0.20MM Min. Thickness : 0.19MM Diameter : 0.91±0.03MM
Inner Layer	Direction : S Pitch : 25mm underneath
Outside Layer	Direction : S Pitch : 150mm underneath
Filler	Material : Nylon
Jacket	Material : PVC Avg.Thickness : 0.55MM Min. Thickness : 0.50MM Diameter : 5.1±0.02MM Color : White
Packing	305M / BOX



**Insulation Color :**  
 1. Blue&White / Blue  
 2. Orange&White / Orange  
 3. Green&White / Green  
 4. Brown&White / Brown

CROSS-SECTION

### ELECTRICAL PROPERTIES

Solid conductor resistance :	≤ 11.5Ω/100M at 20°C
Insulation Resistance :	Min.5000mega ohms-km at 20°C
Dielectric Test :	1000V DC/1min;No Breakdown
Delay skew :	≤45nS
Propagation speed :	NVP 69%
Frequency :	350Mhz
Impedance :	100Ω±15

### DESCRIPTION

Rating Temperature :	75°C
Voltage Rating :	30V
Standard :	TIA/EIA-568B.2
Tested :	fluke test passed