

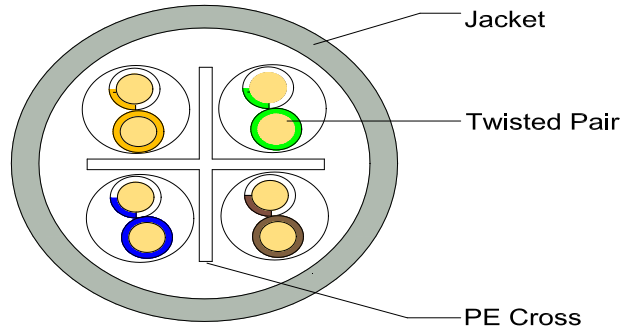
## CAT6 UTP 24AWG 4PAIR PVC

### STANDARDS

ANSI/TIA-568-C.2  
EN 50575

### APPLICATIONS

Connection between computer network card and module, connection between distribution frame and wiring, connection between distribution frame and HUB or switch



### CERTIFICATION



### CONSTRUCTION

Conductor Material		Stranded Bare Copper
Conductor Number		8C(4 pairs)
Construction(±0.01mm)		7/0.18
Separator		PE Cross
Rip Cord		No
Insulation	Material	PE
	Nom. Thickness(mm)	0.17
	Diameter(±0.05mm)	0.88
Jacket	Material	PVC
	Nom. Thickness(mm)	0.70
	Diameter(±0.30mm)	5.9

### COLOR CODES

Insulation Color:

- P1: White / Blue & Blue
- P2: White / Orange & Orange
- P3: White / Green & Green
- P4: White / Brown & Brown

Jacket Color:

Option

### CABLE PRINTING

Option

### PACKAGING

Option

### TEST REQUIREMENT

FLUCK PATCH CORD TEST

### ELECTRICAL PERFORMANCE

Max. Conductor DC Resistance (Ω/km)		110
Min. Insulation Resistance (ΩM-KM)		5000
Dielectric Strength		DC-1KV/1 Min
1.0-250MHZ Characteristic Impedance(ohms)		100±15
1.0-250MHZ Delay Skew(ns/100m)		≤45
Resistance Unbalance(%)		≤4
Max Mutual Capacitance (nF/100m)		5.6
Before Aging	Tensile Strength(Mpa)	≥13.5
	Elongation(%)	≥100
After Aging 100°C*24h*7d	Tensile Strength	≥75%
	Elongation(%)	≥50
Velocity of Propagation NVP		69%

Approved By

Designed By

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