

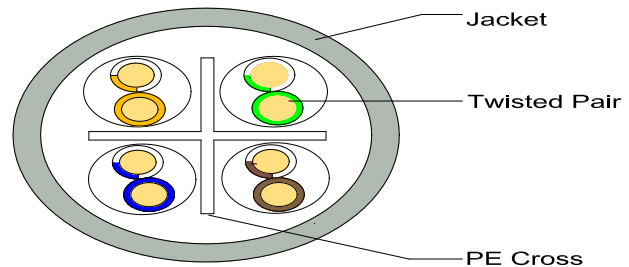
CAT6A UTP 24AWG 4PAIR PVC

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

FLUKE CHANNEL 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
1.0-500MHZ 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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