

CAT5E UTP 26AWG 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



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

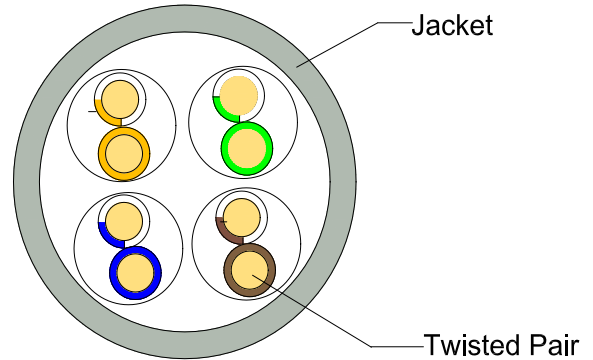
Option

PACKAGING

Option

TEST REQUIREMENT

FLUKE CHANNEL TEST



CONSTRUCTION

Conductor Material		Stranded Bare Copper
Conductor Number		8C(4 pairs)
Cable AWG		26
Construction(±0.01mm)		7/0.16
Rip Cord		No
Insulation	Material	PE
	Nom. Thickness(mm)	0.14
	Diameter(±0.05mm)	0.77
Jacket	Material	PVC
	Nom. Thickness(mm)	0.70
	Diameter(±0.30mm)	5.0

ELECTRICAL PERFORMANCE

Max. Conductor DC Resistance (Ω/km)		148
Min. Insulation Resistance (ΩM-KM)		5000
Dielectric Strength		DC-1KV/1 Min
1.0-100MHZ Characteristic Impedance(ohms)		100 ±15
1.0-100MHZ Delay Skew(ns/100m)		≤45
Pair to Ground Capacitance Unbalance(Pf/100m)		≤330
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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