



CAT6A U/FTP PATCH CORD

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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

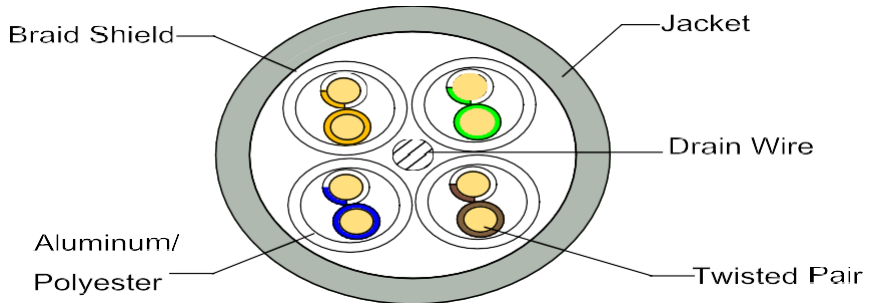
Option

TEST REQUIREMENT

FLUKE PATCH CORD TEST

PART NUMBERS

VNT-C6APCUGRL — Cat6A
UTP Patch Cord



CONSTRUCTION

Conductor Material		Stranded Bare Copper
Conductor Number		8C(4 pairs)
Cable AWG		26
Construction(±0.01mm)		7/0.16
Shield Overlap		aluminum/polyester ≥25%
Drain Wire (7/0.16)		Stranded Tinned copper
Insulation	Material	SKIN-FOAM- SKIN
	Nom. Thickness(mm)	0.26
	Diameter(±0.05mm)	1.02
Jacket	Material	PVC
	Nom. Thickness(mm)	0.50
	Diameter(±0.30mm)	6.2

ELECTRICAL PERFORMANCE

Max. Conductor DC Resistance (Ω/km)		148
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
Pair to Ground Capacitance Unbalance(Pf/100m)		≤330
Resistance Unbalance between pairs (%)		≤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		78%