



CAT6A S/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

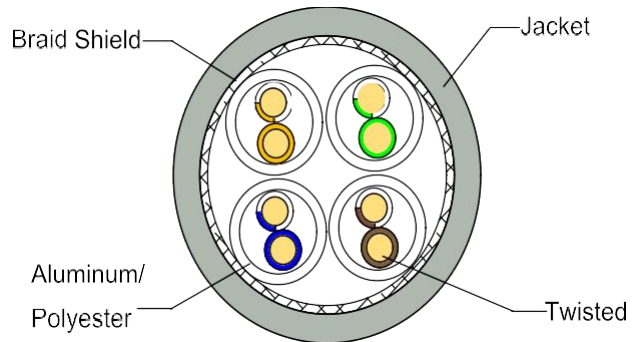
Option

TEST REQUIREMENT

FLUKE PATCH CORD TEST

PART NUMBERS

VNT-C6APCSFGRL — Cat6A S/FTP 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%	
Braid Shield Coverage	16/5/0.12	Aluminum Magnesium Alloy wire ≥40%
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%	