

CAT6A S/FTP 26AWG 4PAIR PVC

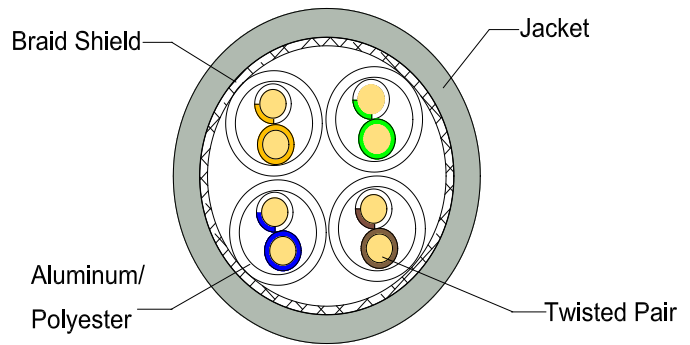
STANDARDS

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



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

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 REQUIREMEN

FLUKE PATCH CORD TEST

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%	

Approved By

Designed By