

CAT6A U/FTP 26AWG 4PAIR PVC

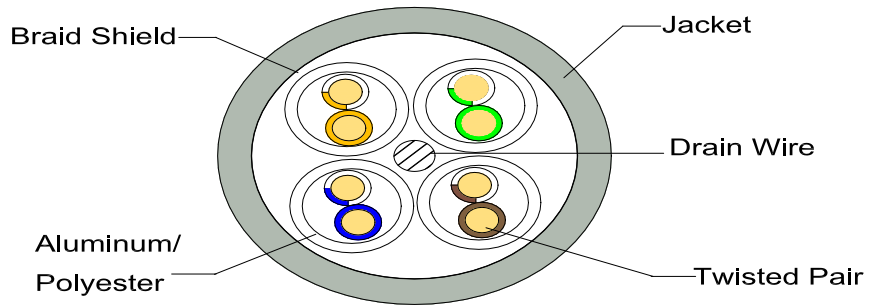
STANDARDS

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%
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)	0.53
	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	
-------------	--	-------------	--

1.No reproduction without the written consent of LEO Network.

2.LEO Network always reserves the right to change the specifications for improvement without notice