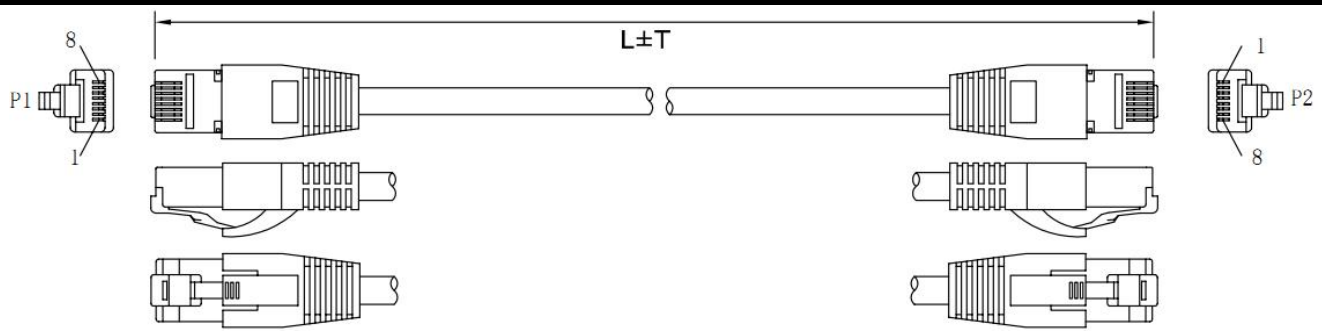
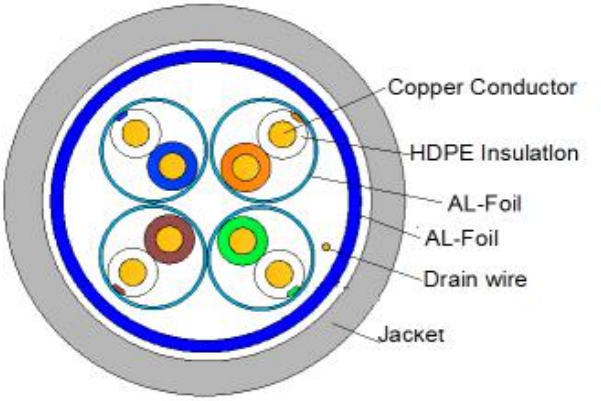
4P 24AWG FTP CAT6A Patch cord LSZH

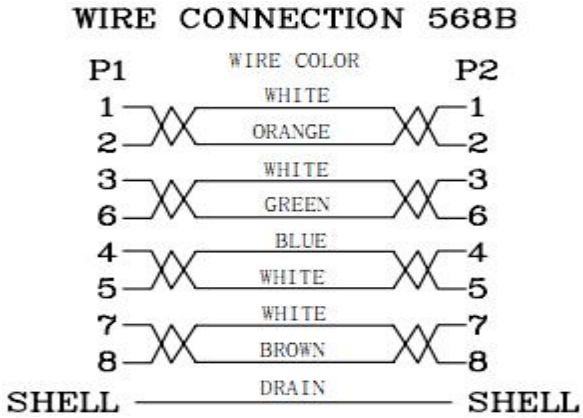
Construction



CAT6A Cross section



PIN & OUT



Construction

Conductor	**24AWG stranded bare copper**
Construction	7×0.20mm
Dia.(mm)	0.6
Insulate	**HDPE**
Nom. Thickness(mm)	0.4
Insulation Dia.(mm)	1.4
Color Cord	Pair 1: Blue-White/Blue Pair 2: Orange-White/Orange Pair 3: Green-White/Green Pair 4: Brown-White/Brown
Pairs	4
Each pair Insulation Shield	**Aluminum foil**
Drain Wire	**7/0.16mm stranded copper**
Primary overall Shield	**Aluminum foil**
Jacket	**LSZH**
Average Thickness(mm)	0.55~0.6
Outer Dia.(±0.2mm)	8.00

CONNECTER

Connecter	RJ45(8P8C) Male CAT6A, with sheild
Insulation	Clear Polyester, UL94V-2
Contacts	Brass, Gold Plated 3U
Packing	**1PCS/bag**

Jacket color available in

Blue, Black, White, Green, Gray, Red, Yellow, Orange, Pink, Purple

Performance

Electrical Characteristics:[@68°F.(20℃.)]

Nom. Transmission Characteristics (100m)

Freq.	RL	NEXT	PSNEXT	ACR-F	PSACR-F
1	3	65	62	63.3	60.3
4	4.2	63	60.5	51.2	48.2
8	5.8	58.2	55.6	45.2	42.2
10	6.5	56.6	54	43.3	40.3
16	8.2	53.2	50.6	39.2	36.2
100	20.9	39.9	37.1	23.3	20.3
250	33.9	33.1	30.2	15.3	12.3
300	37.4	31.7	28.8	13.7	10.7
400	43.7	28.7	25.8	11.2	8.2
550	49.3	26.1	23.2	9.3	6.3

Conductor DCR (Ω/100m)	≤1
Unbalance of Pair DCR (%)	≥5000
Dielectric strength between Pairs(kV/min)	≤5.6
Insulaton resistance (MΩ·km)	≤330
Capacitance (nF/100m)	≤5.6
Mechanical Characteristics:	
Operating Temperature Range(oC)	-15~75

CAT6A FTP PATCH CABLE

Molded material	LSZH
Pin&Out	EIA/TIA 568B (view the Pin&Out)
Length	1M

Jacket Printing

NHTD PATCH CORD FTP CABLE 4PR 24AWG CAT.6A LSZH TIA/EIA-568C.2 RoHS*M**