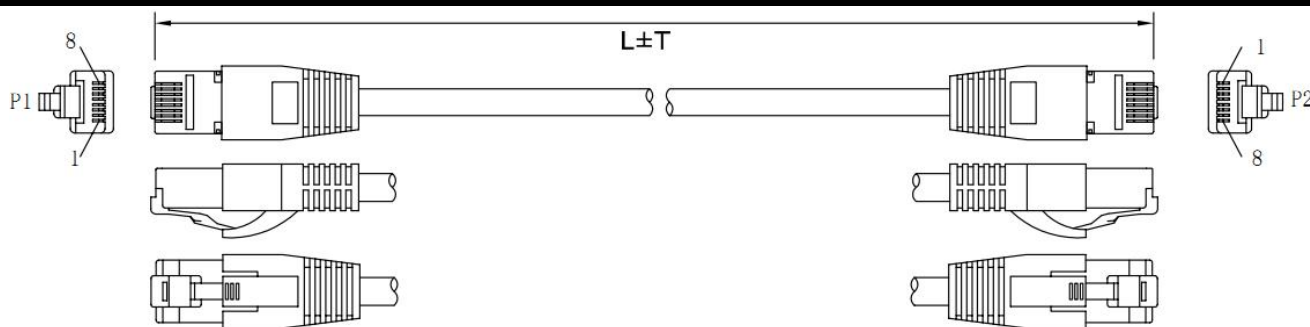
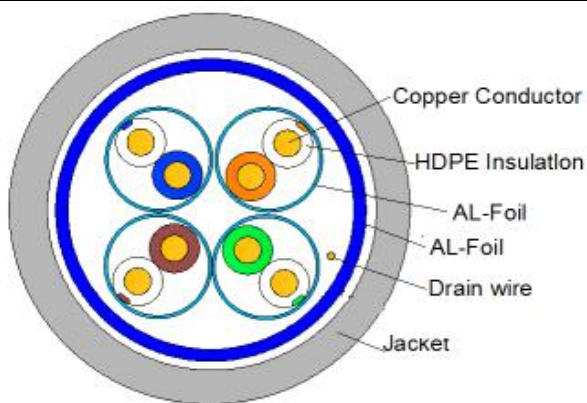


Construction

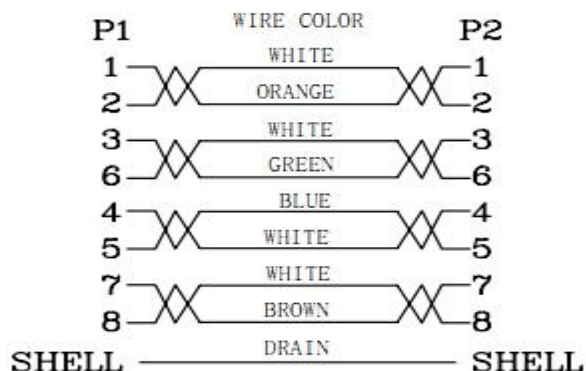


CAT6A Cross section



PIN & OUT

WIRE CONNECTION 568B



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

Connector	RJ45(8P8C) Male CAT6A, with shield
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

Jacket Printing

Performance

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

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
Insulation resistance (MΩ·km)	≤330
Capacitance (nF/100m)	≤5.6

Mechanical Characteristics:

Operating Temperature Range(oC)	-15~75
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CAT6A FTP PATCH CABLE

Molded material	LSZH
Pin&Out	EIA/TIA 568B (view the Pin&Out)
Length	5M