



eLan Category 6A S/FTP patch cord blue RJ45, 5m

Product Specifications

Construction					
CAT6.A Cross section					
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CAT6A S/FTP					
Conductor	26AWG stranded bare copper				
Construction	7×0.16mm				
Dia.(in/mm)	0.019/0.48				
Insulate	Foam PE				
Nom. Thickness(IN/mm)	0.011/0.275				
Insulation Dia.(IN/mm)	0.041/1.03				
Color Cord	Pair 1: Blue-White/Blue Pair 2: Orange-White/Orange Pair 3: Green-White/Green Pair 4: Brown-White/Brown				
Pairs	4				
Shield	AL foil				
Cabling	4Pairs				
Braid material	Tinned copper				
Braid construction	80x0.00394in(0.10mm)				
Jacket	LSZH				
Nom. Thickness(in/mm)	0.024/0.61				
Min. Thickness(in/mm)	0.019/0.49				
Cable Dia.(in/mm)	0.252/6.40				
Color	Black				
Printing:	STRUCTURED CABLE PRODUCTS CAT6A PATCH CABLE S/FTP 4PR 26AWG ANSI/TIA-568-C.2				
Connector	RJ45(8P8C) Male CAT6A, with shield				
Insulation	Clear Polyester, UL94V-2				
Contacts	Brass, Gold Plated 3u				
Shield	Steel, nickel plated				
CAT6A S/FTP PATCH CABLE					
Molded material	PVC				
Pin&Out	EIA/TIA 568B				
Length	see packing data				
Packing	1pcs/bag,				
PIN & OUT					
568B					
CN1	PIN OUT	CN2	COLOR		
1	1	1	WHITE/ORANGE		
2	2	2	ORANGE		
3	3	3	WHITE/GREEN		
6	6	6	GREEN		
4	4	4	BLUE		
5	5	5	WHITE/BLUE		
7	7	7	WHITE/BROWN		
8	8	8	BROWN		
			SHIELD BRAID		
			PAIR		
Performance					
Electrical Characteristics:[@68°F.(20°C.)]					
Nom. Transmission Characteristics (100m)					
Freq. (MHz)	IL (dB)	NEXT (dB)	PSNEXT (dB)	ACR-F (dB)	PSACR-F (dB)
1	3.00	65.00	62.00	63.30	60.30
4	4.20	63.00	60.50	51.20	48.20
8	5.80	58.20	55.60	45.20	42.20
10	6.50	56.60	54.00	43.30	40.30
16	8.20	53.20	50.60	39.20	36.20
100	20.90	39.90	37.10	23.30	20.30
250	33.90	33.10	30.20	15.30	12.30
300	37.40	31.70	28.80	13.70	10.70
400	43.70	28.70	25.80	11.20	8.20
500	49.30	26.10	23.20	9.30	6.30
Conductor DCR (Ω/100ft)	≤1				
Unbalance of Pair DCR (%)	≥5000				
Dielectric strength between Pairs(kV/min)	≤5.6				
Insulation resistance (MΩ·km)	≤330				
Capacitance (nF/100m)	100±15				
Dielectric strength between Pairs(kV/min)	None				
Characteristic impedance (Ω)	None				
Short or Open of the loop	None				
Mechanical Characteristics:					
Operating Temperature Range(°C)	-40~75				
ALL COMPONENTS ARE RoHS COMPLIANT					
Packing data					
Length (m)	Tolerance (in/mm)	pcs /carton	N.W. (kgs)	G.W. (kgs)	
0.25	0.60/15	300	15.43/7	17.6/8	
0.5	1.18/30	250	17.6/8	19.8/9	
1	1.18/30	150	16.5/7.5	18.7/8.5	
2	1.97/50	100	18.7/8.5	20.9/9.5	
3	1.97/50	80	20.9/9.5	23.1/10.5	