



eLan Category 6A S/FTP patch cord blue RJ45, 3m

## Product Specifications

Construction																																																								
CAT6.A Cross section																																																								
Construction																																																								
<b>CAT6A S/FTP</b>																																																								
<b>Conductor</b>	<b>26AWG stranded bare copper</b>																																																							
Construction	7×0.16mm																																																							
Dia.(in/mm)	0.019/0.48																																																							
<b>Insulate</b>	<b>Foam PE</b>																																																							
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)																																																							
<b>Jacket</b>	<b>LSZH</b>																																																							
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																																																							
<b>Printing:</b>	STRUCTURED CABLE PRODUCTS CAT6A PATCH CABLE S/FTP 4PR 26AWG ANSI/TIA-568-C.2																																																							
<b>Connector</b>	<b>RJ45(8P8C) Male CAT6A, with shield</b>																																																							
Insulation	Clear Polyester, UL94V-2																																																							
Contacts	Brass, Gold Plated 3u																																																							
Shield	Steel, nickel plated																																																							
<b>CAT6A S/FTP PATCH CABLE</b>																																																								
Molded material	PVC																																																							
Pin&Out	EIA/TIA 568B																																																							
Length	see packing data																																																							
<b>Packing</b>	1pcs/bag,																																																							
PIN & OUT																																																								
<b>568B</b>	<table border="1"> <thead> <tr> <th>CN1</th> <th>PIN</th> <th>OUT</th> <th>CN2</th> <th>COLOR</th> </tr> </thead> <tbody> <tr><td>1</td><td>1</td><td>1</td><td>1</td><td>WHITE/ORANGE</td></tr> <tr><td>2</td><td>2</td><td>2</td><td>2</td><td>ORANGE</td></tr> <tr><td>3</td><td>3</td><td>3</td><td>3</td><td>WHITE/GREEN</td></tr> <tr><td>6</td><td>6</td><td>6</td><td>6</td><td>GREEN</td></tr> <tr><td>4</td><td>4</td><td>4</td><td>4</td><td>BLUE</td></tr> <tr><td>5</td><td>5</td><td>5</td><td>5</td><td>WHITE/BLUE</td></tr> <tr><td>7</td><td>7</td><td>7</td><td>7</td><td>WHITE/BROWN</td></tr> <tr><td>8</td><td>8</td><td>8</td><td>8</td><td>BROWN</td></tr> <tr><td colspan="4"></td><td>SHIELD</td></tr> <tr><td colspan="4"></td><td>BRAID</td></tr> </tbody> </table>	CN1	PIN	OUT	CN2	COLOR	1	1	1	1	WHITE/ORANGE	2	2	2	2	ORANGE	3	3	3	3	WHITE/GREEN	6	6	6	6	GREEN	4	4	4	4	BLUE	5	5	5	5	WHITE/BLUE	7	7	7	7	WHITE/BROWN	8	8	8	8	BROWN					SHIELD					BRAID
CN1	PIN	OUT	CN2	COLOR																																																				
1	1	1	1	WHITE/ORANGE																																																				
2	2	2	2	ORANGE																																																				
3	3	3	3	WHITE/GREEN																																																				
6	6	6	6	GREEN																																																				
4	4	4	4	BLUE																																																				
5	5	5	5	WHITE/BLUE																																																				
7	7	7	7	WHITE/BROWN																																																				
8	8	8	8	BROWN																																																				
				SHIELD																																																				
				BRAID																																																				
Performance																																																								
<b>Electrical Characteristics:[@68°F.(20°C.)]</b>																																																								
<b>Nom. Transmission Characteristics (100m)</b>																																																								
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)																																																								
Short or Open of the loop																																																								
<b>Mechanical Characteristics:</b>																																																								
Operating Temperature Range(°C)	-40~75																																																							
<b>ALL COMPONENTS ARE RoHS COMPLIANT</b>																																																								
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																																																				