



U/UTP 4Pairs cable-category 6A-LSZH Sheath

Product Description: Rated temperature: 90°C Reference Standard:UL444,UL1581 Bare solid copper conductor Rohs/REACH complied LSZH Jacket Flame Test: IEC60332-1 ,IEC60332-3C Installation temperature:-30°C~+50°C	Application: Volp , ISDN Token , 100M TP-PDM Analog and Data Video TR-16 Active And Passive 155M/662m/1.2GATM IEEE802.3: 100Base;100Base-T 1000Base-T 10GBase-T
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Content of the Data Sheet

Category	U/UTP CAT6A-4P-LSZH						
Test Standard	ISO/IEC11801、TIA-568-C.2 YD/T1019						
Conductor	Material	Solid-Bare Copper					
	Nom.O.D.(mm)	0.570	<table border="1"> <tr> <td>up</td> <td>+0.005</td> </tr> <tr> <td>down</td> <td>-0.005</td> </tr> </table>		up	+0.005	down
up	+0.005						
down	-0.005						
Insulation	Material	HDPE					
	Diameter	1.03±0.03mm					
Sheath	Thickness	0.70±0.05 mm (Avg.)		Sheath Physical Properties			
	External O.D.	7.6±0.4 mm					
	Surface	Clean,Frap,Satiation					
	Material	LSZH					
	Color	According to the requires					
Surface Printing	Letter height	3.0±0.3mm		Electrical Characteristics (20°C)			
	Color	Black					
	Print error & Space	≤±0.5%, 1m					
Core Color	1 White- Blue /Blue	2 White-Orange /Orange		1.0-250.0MHz Impedance ((Ω) 100±15			
	3 White-Green /Green	4 White- Brown /Brown		1.0-250.0MHz Delay Shew (ns/100m) ≤45			
Packing	Wooden Tray & Carton			NVP 69%			
Carton dimension	40.5*40.5*21cm			Capacitance(nF/100m) max: 5.6			
Packing length	305±1.5m			DC Resistance (Ω/100m) max 9.5			
Rip-cord	Yes	Drain wire	No	DC Conductor Resistance Unbalance (%) max 5.0			

Note: The fire retardant of the outer sheath should be comply with national standard.

LAN CABLE

Technical Performance (100m):								
Frequency (MHz)	RL \geq dB	ATT \leq dB	NEXT \geq dB	DELAY \leq ns	Frequency (MHz)	PSNEXT \geq dB	ELFEXT \geq dB	PSELFEXT \geq dB
1	20.0	2.1	74.3	570.0	1	72.3	67.8	64.8
4.0	23.0	3.8	65.3	552.0	4	63.3	55.8	52.8
8.0	24.5	5.3	60.8	546.7	8	48.8	49.7	46.7
10.0	25.0	5.9	59.3	545.4	10	57.3	47.8	44.8
16.0	25.0	7.5	56.2	543.0	16	54.2	43.7	40.7
20.0	25.0	8.4	54.8	542.1	20	52.8	41.8	38.8
25.0	24.3	9.4	53.3	541.2	25	41.3	39.8	36.8
31.25	23.6	10.5	51.9	540.4	31.25	49.9	37.9	34.9
62.5	21.5	15.0	47.4	538.6	62.5	45.4	31.9	28.9
100	20.1	19.1	44.3	537.6	100	42.3	27.8	24.8
200	18.0	27.6	39.8	536.5	200	37.8	21.8	18.8
250	17.3	31.1	38.3	536.3	250	36.3	19.8	16.8
300	16.8	34.3	37.1	536.1	300	35.1	18.3	15.3
500	15.2	45.3	33.8	535.6	500	31.8	13.8	10.8