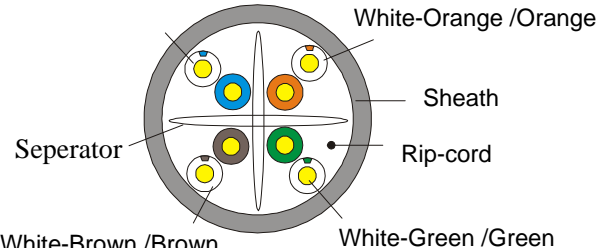


U/UTP 4Pairs cable-category 6-LSZH Sheath

P/N: CVLANU6LSZH-GY

Date	Author	Review	Approve	Version	Revision Declaration				
JAN 2014	M.C	S.T	K.L	A1					
Content of the Data Sheet									
Sheath Printing	It will be printed as customer's requirement with batch produce.								
Customer reference									
Category	U/UTP CAT6-4P-LSZH								
Test Standard	ISO/IEC11801、TIA-568-C.2、YD/T1019								
Conductor	Material	SOLID-Bare Copper							
	Nom.O.D.(mm)	0.550	up	+0.005		down	-0.005		
Insulation	Material	HDPE							
	Diameter	0.95±0.03mm							
Sheath	Thickness	0.55±0.05 mm			Technical Performance (100m):				
	External O.D.	6.2±0.4 mm			Frequency (MHz)	RL ≥dB	ATT(20□) ≤dB	NEXT ≥dB	PHASE DELAY ≤ns
	Surface	Clean,Frap,Satiation			1	20.0	2.03	74.3	570.00
	Material	LSZH(complies RoHS)			4.0	23.0	3.78	65.3	552.00
	Color	Gray RAL7035			8.0	24.5	5.32	60.8	546.73
Surface Printing	Letter height	3.0±0.3mm			10.0	25.0	5.95	59.3	545.38
	Color	Black			16.0	25.0	7.55	56.2	543.00
	Print error & Space	≤±0.5% , 1m			20.0	25.0	8.47	54.8	542.05
					25.0	24.3	9.51	53.3	541.20
					31.25	23.6	10.67	51.9	540.44
Core Color	1 White- Blue /Blue	2 White-Orange /Orange			62.5	21.5	15.38	47.7	538.55
	3 White-Green /Green	4 White- Brown /Brown			100	20.1	19.80	44.3	537.60
					200	18.0	28.98	39.8	536.54
					250	17.3	32.85	38.3	536.27
Packing	Wooden Tray & Carton								
Carton dimension	40.5*40.5*21cm								
Packing length	(305±1.5)m								
Rip-cord	Yes	Drain wire	No						
Sheath Physical Properties	Before Aging Tensile Strength (Mpa)	≥10.0			Frequency (MHz)	PSNEXT ≥dB	ELFEXT ≥dB	PSELFEXT ≥dB	
	Elongation(%)	≥125			1	72.3	67.8	64.8	
	Aging Period (□xhrs)	100□x24h×7d			4	63.3	55.8	52.8	
	After Aging Tensile Strength(Mpa)	≥8.0			8	58.8	49.7	46.7	
	Elongation(%)	≥100			10	57.3	47.8	44.8	
	Cold bend(-20±2□x4h) 8xCable O.D. , No visible cracks				16	54.2	43.7	40.7	
Electrical Characteristics (20□)	1.0-250.0MHz Impedance ((Ω)	100±15			20	52.8	41.8	38.8	
	1.0-250.0MHz Delay Shew (ns/100m)	≤45			25	51.3	39.8	36.8	
	DC Resistance (Ω/100m) max	9.5			31.25	49.9	37.9	34.9	
	DC Conductor Resistance Unbalance (%) max	5.0			62.5	45.4	31.9	28.9	
				100	42.3	27.8	24.8		
				200	37.8	21.8	18.8		
				250	36.3	19.8	16.8		