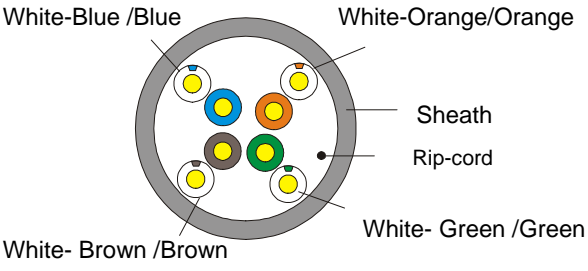


U/UTP 4Pairs cable-category 5E-LSZH Sheath

P/N: CVLANU5ELSZH-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 CAT5E-4P-LSZH								
Test Standard	ISO/IEC11801、TIA-568-C.2 YD/T1019								
Conductor	Material	Solid-Bare Copper							
	Nom.O.D.(mm)	0.470	up	+0.005	down	-0.005			
Insulation	Material	HDPE							
	Diameter	0.86±0.03mm							
Sheath	Thickness	0.50±0.05 mm							
	External O.D.	4.9±0.4 mm							
	Surface	Clean,Frap,Satiation							
	Material	LSZH(complies RoHS)							
	Color	Gray RAL7035							
Surface Printing	Letter height	3.0±0.3mm							
	Color	Black							
	Print error & Space	≤±0.5% , 1m							
Core Color	1 White- Blue /Blue	2 White-Orange /Orange							
	3 White- Green /Green	4 White- Brown /Brown							
Packing	Wooden Tray & Carton								
Carton dimension	36cm*36cm*20cm								
Packing length	(305±1.5)m								
Rip-cord	Yes	Drain wire	No						
Sheath Physical Properties	Before Aging Tensile Strength (Mpa)	≥10.0							
	Elongation(%)	≥125							
	Aging Period(□xhrs)	100□x24h×7d							
	After Aging Tensile Strength(Mpa)	≥8.0							
	Elongation(%)	≥100							
Electrical Characteristics (20□)	1.0-100.0MHz Impedance(Ω)	100±15							
	1.0-100.0MHz Delay Shew (ns/100m)	≤45							
	DC ResistanceΩ/100m) max	11.5							
	DC Conductor Resistance Unbalance(%) max	5.0							
									
					Technical Performance (100m):				
					Frequency (MHz)	RL ≥dB	ATT(20□) ≤dB	NEXT ≥dB	PHASE DELAY ≤ns
					1	20.0	2.0	65.3	570.00
					4.0	23.0	4.1	56.3	552.00
					8.0	24.5	5.8	51.8	546.73
					10.0	25.0	6.5	50.3	545.38
					16.0	25.0	8.2	47.2	543.00
					20.0	25.0	9.3	45.8	542.05
					25.0	24.3	10.4	44.3	541.20
					31.25	23.6	11.7	42.9	540.44
					62.5	21.5	17.0	38.4	538.55
					100	20.1	22.0	35.3	537.60
					Frequency (MHz)	PSNEXT ≥dB	ELFEXT ≥dB	PSELFEXT ≥dB	
					1	62.3	63.8	60.8	
					4	53.3	51.8	48.8	
					8	48.8	45.7	42.7	
					10	47.3	43.8	40.8	
					16	44.4	39.7	36.7	
					20	42.8	37.8	34.8	
					25	41.3	35.8	32.8	
					31.25	39.9	33.9	30.9	
					62.5	35.4	27.9	24.9	
					100	32.3	23.8	20.8	