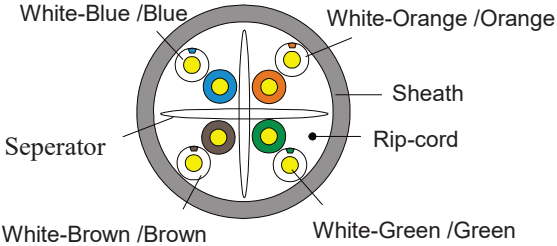


U/UTP 4Pairs cable-category 6-LSZH Sheath

P/N: LVN122150

Content of the Data Sheet									
Sheath Printing	TBD								
Customer No.		Customer Reference							
Category	U/UTP CAT6-4P-LSZH(Dca,s2,d2,a1)								
Reference Standard	ISO/IEC11801、ANSI/TIA-568.2-D								
Conductor	Material	SOLID-Bare Copper							
	Nom.O.D.(mm)	0.510	Up	+0.01					
Insulation	Material	HDPE							
	Diameter	0.89±0.08mm							
Sheath	Thickness	0.55±0.1 mm			FLUKE Permanent link Technical Performance (≤85m) :				
	External O.D.	5.5±0.4 mm			Frequency (MHz)	RL (dB)	ATT (dB)	NEXT (dB)	DELAY (ns)
	Surface	Clean,Frap,Satiation			1	19.1	3.0	65.0	570.0
	Material	LSZH(complies RoHS)			4.0	21.0	3.5	64.1	552.0
	Color	TBD			8.0	21.0	5.0	59.4	546.7
Surface Printing	Letter height	3.0±0.3mm			10.0	21.0	5.5	57.8	545.4
	Color	Black			16.0	20.0	7.0	54.6	543.0
	Print error & Space	≤±0.5%, 1m			20.0	19.5	7.9	53.1	542.1
Core Color	1 White- Blue /Blue		2 White-Orange /Orange		25.0	19.0	8.9	51.5	541.2
	3 White-Green /Green		4 White- Brown /Brown		31.25	18.5	10.0	50.0	540.4
Packing	Wooden Tray & Carton				62.5	16.0	14.4	45.1	538.6
Carton dimension	According to the requires				100	14.0	18.6	41.8	537.6
Packing length	305±1.5m				200	11.0	27.4	36.9	536.5
Rip-cord	Yes	Drain wire		No	250	10.0	31.1	35.3	536.3
Sheath Physical Properties	Before Aging Tensile Strength (Mpa)		≥10.0		Frequency (MHz)	PSNEXT (dB)	ELFEXT (dB)	PSELFEXT (dB)	
	Elongation(%)		≥125		1	62.0	64.2	61.2	
	Aging Period (℃×hrs)		100℃×24h×7d		4	61.8	52.1	49.1	
	After Aging Tensile Strength(Mpa)		≥8.0		8	57.0	46.1	43.1	
	Elongation(%)		≥100		10	55.5	44.2	41.2	
Electrical Characteristics (20℃)	Cold bend(-20±2℃×4h)		8×Cable O.D., No visible cracks		16	52.2	40.1	37.1	
	1.0-250.0MHz Impedance ((Ω)		100±15		20	50.7	38.2	35.2	
	1.0-250.0MHz Delay Skew (ns/100m)		≤45		25	49.1	36.2	33.2	
	DC Resistance (Ω/100m) max		9.5		31.25	47.5	34.3	31.3	
	DC Conductor Resistance Unbalance (%)		max 5.0		62.5	42.7	28.3	25.3	
Reaction to fire Classification: Dca,s2,d2,a1					CPR Part no.:LVN122150				