

F/UTP 4Pairs cable-category 6-FR LSZH Sheath

P/N:LVN122161

Content of the Data Sheet									
Sheath Printing	TBD								
Customer No.		Customer Reference		White- Blue /Blue Seperator White-Orange /Orange Mylar AL/Mylar Drain wire White-Green /Green White-Brown /Brown Rip-cord Sheath					
Category	F/UTP CAT6-4P-LSZH(Cca)								
Reference Standard	ISO/IEC11801 、ANSI/TIA-568.2-D								
Conductor	Material	SOLID-Bare Copper							
	Nom.O.D.(mm)	0.565	up	+0.005	down	-0.005			
Insulation	Material	HDPE							
	Diameter	1.12±0.08 mm							
Filling	Plastic Separator : FRPE								
Screening Material	Mylar+ AL/Mylar								
Sheath	Thickness	0.60±0.1mm		Technical Performance (100m):					
	External O.D.	7.4±0.4mm		Frequency (MHz)	RL ≥dB	ATT (20℃) ≤dB	NEXT ≥dB	PHASE DELAY ≤ns	
	Surface	Clean,Frap,Satiation		1	20.0	—	74.3	570.00	
	Material	FR-LSZH(complies RoHS)		4.0	23.0	3.78	65.3	552.00	
	Color	TBD		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	
Core Color	1 White- Blue /Blue	2 White-Orange /Orange		31.25	23.6	10.67	51.9	540.44	
	3 White- Green /Green	4 White- Brown /Brown		62.5	21.5	15.38	47.7	538.55	
				100	20.1	19.80	44.3	537.60	
Packing	Wooden Tray & Carton			200	18.0	28.98	39.8	536.54	
Wooden Tray dimension	According to the requires			250	17.3	32.85	38.3	536.27	
Packing length	305±1.5m								
Rip-cord	Yes	Drain wire	Yes						
Sheath Physical Properties	Before Aging	Tensile Strength (Mpa) ≥9.0							
		Elongation (%) ≥100							
	Aging Period (℃×hrs)	100℃×24h×7d							
	After Aging	Tensile Strength (Mpa) ≥8.0							
		Elongation (%) ≥70							
Electrical Characteristics (20℃)	1.0-250.0MHz	Impedance (Ω) 100±15							
	1.0-250.0MHz	Delay Skew (ns/100m) ≤45							
	Unbalanced-to-ground capacitance (pf/100m) max		330						
	DC Resistance (Ω/100m) max		9.38						
	DC Conductor Resistance Unbalance (%) max		5.0						
Reaction to fire Classification: Cca,s1a,d1,a1				CPR Part no.LVN122161					