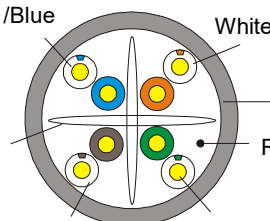


U/UTP 4Pairs cable-category 6 LSZH 490306B2ca

Content of the Data Sheet								
Sheath Printing	TBD							
Customer No.		Customer Reference		White-Blue /Blue White-Orange /Orange Sheath Rip-cord Seperator White-Brown /Brown White-Green /Green 				
Category	U/UTP CAT6-4P-LSZH (B2ca-s1a,d1,a1)							
Reference Standard	ISO/IEC11801、ANSI/TIA-568.2-D							
Conductor	Material	SOLID-Bare Copper						
	Nom.O.D.(mm)	0.550	up down				+0.005 -0.005	
Insulation	Material	HDPE						
	Diameter	0.98±0.05mm						
Filling	Plastic Separator : FRPE			Technical Performance:				
Sheath	Thickness	0.65±0.1 mm		Frequency (MHz)	RL ≥dB	ATT (20℃) ≤dB	NEXT ≥dB	PHASE DELAY ≤ns
	External O.D.	6.3±0.4 mm		1	20.0	2.03	74.3	570.00
	Surface	Clean,Frap,Satiation		4.0	23.0	3.78	65.3	552.00
	Material	FR-LSZH(complies RoHS)		8.0	24.5	5.32	60.8	546.73
	Color	TBD		10.0	25.0	5.95	59.3	545.38
				16.0	25.0	7.55	56.2	543.00
Surface Printing	Letter height	3.0±0.3mm		20.0	25.0	8.47	54.8	542.05
	Color	Black		25.0	24.3	9.51	53.3	541.20
	Print error & Space	≤±0.5%, 1m		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
Packing	Reel in box or wooden drum			200	18.0	28.98	39.8	536.54
Carton dimension	According to the requires			250	17.3	32.85	38.3	536.27
Packing length	305±1.5m			Frequency (MHz)	PSNEXT ≥dB	ELFEXT ≥dB	PSELFEXT ≥dB	
Rip-cord	Yes	Drain wire	No	1	72.3	67.8	64.8	
Sheath Physical Properties	Before Aging	Tensile Strength (Mpa) ≥9.0 Elongation (%) ≥100		4	63.3	55.8	52.8	
	Aging Period (℃×hrs)	100℃×24h×7d		8	58.8	49.7	46.7	
	After Aging	Tensile Strength (Mpa) ≥8.0 Elongation (%) ≥70		10	57.3	47.8	44.8	
	Cold bend (-20±2℃×4h)	15times cable O.D. No visible cracks		16	54.2	43.7	40.7	
				20	52.8	41.8	38.8	
Electrical Characteristics (20□)	1.0-250.0MHz, Characteristic impedance (Ω)	100±15		25	51.3	39.8	36.8	
	1.0-250.0MHz, Delay Skew 20℃(ns/100m)	≤45		31.25	49.9	37.9	34.9	
	DC Resistance (Ω /100m) max	9.38		62.5	45.4	31.9	28.9	
	DC Conductor Resistance Unbalance (%) max	5.0		100	42.3	27.8	24.8	
Reaction to fire Classification: B2ca-s1a,d1,a1				CPR Part no. 0200-CPR-07751 version 1				