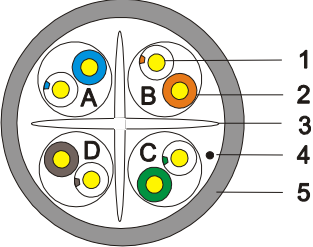


REF: UTP 4 pairs cable - Category 6 - 250MHz – LSOH IEC 60332-3C


Sheath Printing										
Category	UTP/CAT6-4P-LSOH BCCA(35% Copper,68% Conductivity)									
Test Standard	ISO/IEC11801 、 TIA/EIA-568-C.2 、 YD/T1019									
1. Conductor	Material	Solid Bare Copper Clad Aluminium								
	Nom. O.D. (mm)	0.57	Up	+0.015						
			Down	-0.015						
2. Insulation	Material	HDPE								
	Diameter	1.04±0.04mm								
Color	A.Blue, White-Blue	B.Orange,White-Orange								
	C.Green,White-Green	D.Brown, White-Brown								
3.Plastic Separator	O.D 4.5mm, Nom thickness : 0.45mm, complies RoHS				Technical Performance (FLUKE Link 90m±3m):					
4. Rip-cord	Yes	Drain wire	No		Frequency (MHz)	RL ≥dB	ATT ≤dB	NEXT ≥dB	DELAY ≤ns	
5. Sheath	Thickness	0.55±0.05 mm			1	20.0	2.03	74.3	570.00	
	External O.D.	6.4±0.3 mm			4.0	23.0	3.78	65.3	552.00	
	Surface	Clean,Frap,Satiation			8.0	24.5	5.32	60.8	546.73	
	Material	LSOH RoHS compliant			10.0	25.0	5.95	59.3	545.38	
	Color	Multiple			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	
Packing	Carton, pallet				62.5	21.5	15.38	47.7	538.55	
Carton Size	42*42*21cm				100	20.1	19.80	44.3	537.60	
Packing length	305±1.5m				200	18.0	28.98	39.8	536.54	
Sheath Physical Properties	Before Aging	Tensile Strength (Mpa)	≥10		Frequency (MHz)	PSNEXT ≥dB	ELFEXT ≥dB	PSELFEXT ≥dB		
		Elongation (%)	≥125		1	72.3	67.8	64.8		
	Aging Period (°C×hrs)		100°C×24h×7d			4	63.3	55.8	52.8	
	After Aging	Tensile Strength (Mpa)	≥8		8	58.8	49.7	46.7		
		Elongation (%)	≥100		10	57.3	47.8	44.8		
Cold bend (-20±2°C×4h)		No visible cracks			16	54.2	43.7	40.7		
Electrical Characteristics (20°C)	1.0-250.0MHz, Characteristic impedance (Ω) 100±15				20	52.8	41.8	38.8		
	1.0-250.0MHz, Delay Shew 20°C (ns/100m) ≤45				25	41.3	39.8	36.8		
	DC Resistance 20°C (Ω/100m) max 11.3				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		