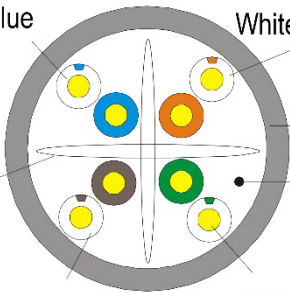


UTP CAT 6, 305 meters, Core diameter: 0.50mm, OFC, CM, blue

Content of the Data Sheet								
Sheath Printing	TBD							
Customer No.		Customer Reference		White-Blue /Blue White-Orange /Orange Sheath Seperator Rip-cord White-Brown /Brown White-Green /Green 				
Category	SD U/UTP CAT6-4P-PVC							
Reference Standard	ISO/IEC11801、TIA-568-C.2							
Conductor	Material	SOLID-Bare Copper						
	Nom.O.D.(mm)	0.500	±0.005					
0.510								
Insulation	Material	HDPE						
	Diameter	0.88±0.05mm						
Sheath	Thickness	0.50±0.05 mm		FLUKE Permanent link Technical Performance (≤85m) :				
	External O.D.	5.3±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	PVC(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)		≥13.5	Frequency (MHz)	PSNEXT (dB)	ELFEXT (dB)	PSELFEXT (dB)	
	Elongation(%)		≥150	1	62.0	64.2	61.2	
	Aging Period (°C×hrs)		100°C×24h×7d	4	61.8	52.1	49.1	
	After Aging Tensile Strength(Mpa)		≥12.5	8	57.0	46.1	43.1	
	Elongation(%)		≥125	10	55.5	44.2	41.2	
	Cold bend(-20±2°C×4h)		8×Cable O.D., No visible cracks	16	52.2	40.1	37.1	
Electrical Characteristics (20°C)	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	
				100	39.3	24.2	21.2	
			200	34.3	18.2	15.2		
			250	32.7	16.2	13.2		