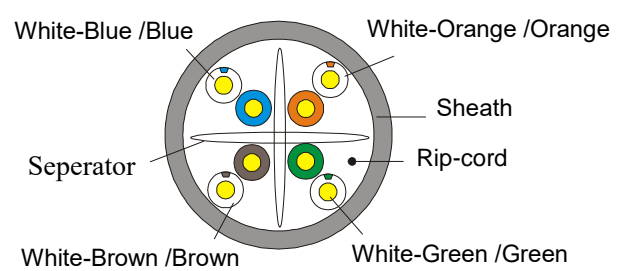


U/UTP 4Pairs cable-category 6

Content of the Data Sheet

Model:	300430				
Customer No.	300430	Certificate:	Force/Delta/EC		
Category	SD U/UTP CAT6-4P-PVC				
Reference Standard	ISO/IEC11801、ANSI/TIA-568.2-D				
Conductor	Material	SOLID-Bare Copper			
	Nom.O.D.(mm)	0.550	up	+0.005	
			down	-0.005	
Insulation	Material	HDPE			
	Diameter	0.98±0.05mm			
Sheath	Thickness	0.50±0.05 mm			
	External O.D.	5.8±0.4mm			
	Surface	Clean,Frap,Satiation			
	Material	PVC(complies RoHS)			
	Color	TBD			
Surface Printing	Letter height	3.0±0.3mm			
	Color	Black			
	Print error & Space	≤±0.5%, 1m			
Core Color	1 White- Blue /Blue	2 White-Orange /Orange			
	3 White-Green/Green	4 White- Brown /Brown			
Packing	Wooden Tray & Carton				
Carton dimension	According to the requires				
Packing length	305/500 meter				
Rip-cord	Yes	Drain wire	No		
Sheath Physical Properties	Before Aging Tensile Strength (Mpa)	≥13.5			
	Elongation(%)	≥150			
	Aging Period (□×hrs)	100□×24h×7d			
	After Aging Tensile Strength(Mpa)	≥12.5			
	Elongation(%)	≥125			
Electrical Characteristics (20□)	Cold bend(-20±2□×4h)	8×Cable O.D., No visible cracks			
	1.0-250.0MHz Impedance ((Ω)	100±15			
	1.0-250.0MHz Delay Skew (ns/100m)	≤45			
	DC Resistance (Ω/100m) max	9.38			
	DC Conductor Resistance Unbalance (%)	max 5.0			
					
	Technical Performance (100m):				
	Frequency (MHz)	RL ≥dB	ATT(20°C) ≤dB	NEXT ≥dB	PHASE DELAY ≤ns
	1	20.0	2.03	74.3	570.00
	4.0	23.0	3.78	65.3	552.00
8.0	24.5	5.32	60.8	546.73	
10.0	25.0	5.95	59.3	545.38	
16.0	25.0	7.55	56.2	543.00	
20.0	25.0	8.47	54.8	542.05	
25.0	24.3	9.51	53.3	541.20	
31.25	23.6	10.67	51.9	540.44	
62.5	21.5	15.38	47.7	538.55	
100	20.1	19.80	44.3	537.60	
200	18.0	28.98	39.8	536.54	
250	17.3	32.85	38.3	536.27	
350	16.3	39.79	36.1	535.92	
550	14.9	51.76	33.2	535.5	
Frequency (MHz)	PSNEXT ≥dB	ELFEXT ≥dB	PSELFEXT ≥dB		
1	72.3	67.8	64.8		
4	63.3	55.8	52.8		
8	58.8	49.7	46.7		
10	57.3	47.8	44.8		
16	54.2	43.7	40.7		
20	52.8	41.8	38.8		
25	51.3	39.8	36.8		
31.25	49.9	37.9	34.9		
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		
350	34.1	16.9	13.9		
550	31.2	13.0	10.0		



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