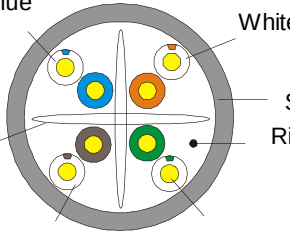


REF : U/UTP 4Pairs cable-category 6-250MHz PVC Sheath

Product Description: Rated temperature:60℃,75℃, 90℃ Reference Standard:UL444,UL1581 ,UL1666 Bare solid copper conductor Rohs/REACH complied PVC Jacket Flame Test: CMX,CM,CMR Installation temperature:-30℃～+50℃					Application: 100Base-TX 100Base-T 100VG-AnyLAN 1000Base-T(Gigabit Ethernet) 1000Base-TX ATM Noisy Environments				
Content of the Data Sheet									
Category	U/UTP CAT6-4P-PVC				White-Blue /Blue White-Orange /Orange Sheath Rip-cord Separator White-Brown /Brown White-Green /Green 				
Test Standard	ISO/IEC11801、TIA-568-C.2、 YD/T1019								
Conductor	Material	Solid-Bare Copper							
	Nom.O.D.(mm)	0.570	up	+0.005					
			down	-0.005					
Insulation	Material	HDPE							
	Diameter	1.02	0.03mm						
Sheath	Thickness	0.55	0.05 mm		Sheath Physical Properties	Before Aging Tensile Strength (Mpa)		≥13.5	
	External O.D.	6.3	0.4 mm			Elongation(%)		≥150	
	Surface	Clean,Frap,Satiation				Aging Period (℃×hrs)		100℃×24h×7d	
	Material	PVC				After Aging Tensile Strength(Mpa)		≥12.5	
	Color	According to the requires				Elongation(%)		≥125	
Surface Printing	Letter height	3.0	0.3mm		Electrical Characteristics (20℃)	Cold bend(-20±2℃×4h) 8×Cable O.D.,		No visible cracks	
	Color	Black				1.0-250.0MHz Impedance ((Ω)		100 15	
	Print error & Space	≤±0.5%, 1m				1.0-250.0MHz Delay Shew (ns/100m)		≤45	
Core Color	1 White- Blue /Blue	2 White-Orange /Orange				NVP		69%	
	3 White-Green /Green	4 White- Brown /Brown				Capacitance(nF/100m) max:		5.6	
Packing	Wooden Tray & Carton					DC Resistance (Ω/100m) max		9.5	
Carton dimension	40.5*40.5*21cm					DC Conductor Resistance Unbalance (%) max		5.0	
Packing length	305 1.5m								
Rip-cord	Yes	Drain wire		No					

Add: The 22th Floor, Block A, Zhan Tao Tech Building, No.1083 Minzhi Road,
Longhua New District,Shenzhen,China.

Tel: (+)86 755 29360200 EXT 608

Fax: (+)86 755 29360200 EXT 602

E-mail: Sales@telemac.cn

Web: www.telemac.cn



Technical Performance (100m):

Frequency (MHz)	RL ≥dB	ATT(20℃) ≤dB	NEXT ≥dB	PHASE DELAY ≤ns	Frequency (MHz)	PSNEXT ≥dB	ELFEXT ≥dB	PSELFEXT ≥dB
1	20.0	2.03	74.3	570.00	1	72.3	67.8	64.8
4.0	23.0	3.78	65.3	552.00	4	63.3	55.8	52.8
8.0	24.5	5.32	60.8	546.73	8	58.8	49.7	46.7
10.0	25.0	5.95	59.3	545.38	10	57.3	47.8	44.8
16.0	25.0	7.55	56.2	543.00	16	54.2	43.7	40.7
20.0	25.0	8.47	54.8	542.05	20	52.8	41.8	38.8
25.0	24.3	9.51	53.3	541.20	25	41.3	39.8	36.8
31.25	23.6	10.67	51.9	540.44	31.25	49.9	37.9	34.9
62.5	21.5	15.38	47.7	538.55	62.5	45.4	31.9	28.9
100	20.1	19.80	44.3	537.60	100	42.3	27.8	24.8
200	18.0	28.98	39.8	536.54	200	37.8	21.8	18.8
250	17.3	32.85	38.3	536.27	250	36.3	19.8	16.8

Add: The 22th Floor, Block A, Zhan Tao Tech Building, No.1083 Minzhi Road,
Longhua New District, Shenzhen, China.

Tel: (+)86 755 29360200 EXT 608

Fax: (+)86 755 29360200 EXT 602

E-mail: Sales@telemax.cn

Web: www.telemax.cn

