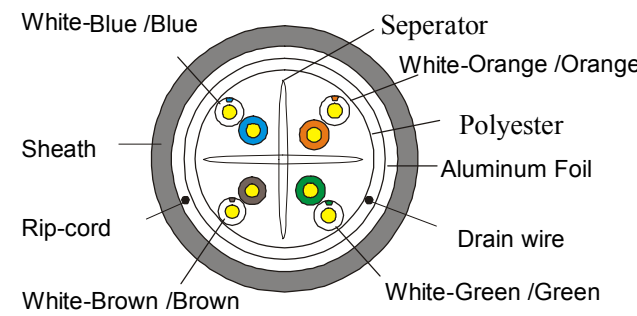


## F/UTP 4Pairs cable-category 6-PVC Sheath

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	F/UTP CAT6-4P-PVC						
Test Standard	ISO/IEC11801、TIA- 568-C.2、YD/T 1019						
Conductor	Material	Solid Bare copper					
	Nom.O.D.(mm)	0.570	up	+0.005	down	-0.005	
Insulation	Material	HDPE					
	Diameter	1.09±0.03 mm					
Screening Material	Aluminum Foil						
Sheath	Thickness	0.60±0.05mm					
	External O.D.	7.4±0.4 mm					
	Surface	Clean,Frap,Satiation					
	Material	PVC					
	Color	According to the requires					
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						
Wooden Tray dimension	According to the requires						
Packing length	305±1.5m						
Rip-cord	Yes	Drain wire	Yes				



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 Shew (ns/100m)	≤45
	NVP	69%	
	capacitance (nf/100m) max	5.6	
	unbalanced-to-ground capacitance (pf/100m) max	330	
	DC Resistance (Ω/100m) max	9.38	
DC Conductor Resistance Unbalance (%)max	5.0		

Office Add: RM615/616 Dongming Building, Minkang Road,Minzhi of Longhua,Bao'An District, Shenzhen China 518131  
 Tel: (+86) 755-29360200 (International) +86 755-29000903 (国内贸易)  
 Fax: (+86) 755-29360200 ext.602  
 E-mail: sales@telexmax.cn Http: //www.telexmax.cn



**TELEMAX TECH**

The Expert Of Network Cabling Management

# LAN CABLE

Technical Performance (100m):								
Frequency (MHz)	RL $\geq$ dB	ATT(20°C) $\leq$ dB	NEXT $\geq$ dB	PHASE DELAY $\leq$ ns	Frequency (MHz)	PSNEXT $\geq$ dB	ELFEXT $\geq$ dB	PSELFEXT $\geq$ 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

Office Add: RM615/616 Dongming Building, Minkang Road, Minzhi of Longhua, Bao'An District, Shenzhen China 518131

Tel: (+86) 755-29360200 (International) +86 755-29000903 (国内贸易)

Fax: (+86) 755-29360200 ext.602

E-mail: sales@telemax.cn

Http: //www.telemax.cn

