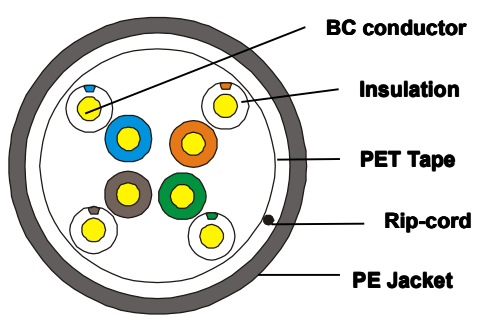


LAN CABLE

REF : U/UTP 4 pairs cable - category 3 - 16MHz - PE Sheath

Product Description: Bare solid copper conductor Rohs/REACH complied PEJacket Installation temperature: -30℃~+50℃				10 Base-T 100 BASE-T4 Telephone Voice Wiring			
Content of the Data Sheet							
Category	U/UTP CAT3-4P-PE						
Test Standard	ISO/IEC11801、TIA- 568-C.2 YD/T1019						
1. Conductor	Material	SOLID-Bare Copper					
	Nom. O.D. (mm)	0.50	Up	+0.005			
	Down		-0.005				
2. Insulation	Material	HDPE					
	Diameter	0.87±0.03mm					
Color	A.Blue, White-Blue	B.Orange,White-Orange					
	C.Green,White-Green	D.Brown, White-Brown					
3. Rip-cord	Yes	Drain wire	No				
4. Sheath	Thickness	0.50±0.05 mm					
	External O.D.	5.3±0.4 mm					
	Surface	Clean, Frap, Satiation					
	Material	PE					
Surface Printing	Letter height	3.0±0.3mm					
	Color	White					
	Print error & Space	≤±0.5%, 1m					
Packing	Carton, pallet						
Carton dimension	38*38*20cm						
Packing length	305±1.5m						



BC conductor
Insulation
PET Tape
Rip-cord
PE Jacket

					Before Aging Tensile Strength (Mpa)	≥10.0
					Elongation (%)	≥350
					Aging Period (℃× hrs)	100℃×24h×10d
					After Aging Elongation (%)	≥300
					Cold bend (-20±2℃×4h)	No visible cracks
					1.0-16.0MHz, Impedance (Ω)	100±15
					Delay Shew 20℃(ns/100m)	≤45
					Capacitance(nF/100m) max:	6.6
					DC Resistance 20℃(Ω/100m) max	9.5
					DC Conductor Resistance Unbalance (%)max	5

LAN CABLE

Technical Performance (100m):				
Frequency (MHz)	RL \geq dB	ATT \leq dB	NEXT \geq dB	PHASE DELAY \leq ns
1	12.0	2.6	41.3	570.00
4.0	12.0	5.6	32.3	552.00
8.0	12.0	8.5	27.8	546.73
10.0	12.0	9.7	26.3	545.38
16.0	9.95	13.1	23.3	543.00

LAN CABLE

REF : U/UTP 4Pairs cable-category3-16MHz 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℃				10 Base-T 100 BASE-T4 Telephone Voice Wiring			
Content of the Data Sheet							
Category	U/UTP CAT3-4P-PVC						
Test Standard	ISO/IEC11801、TIA-568-C.2、YD/T1019						
Conductor	Material	Solid-Bare copper					
	Nom.O.D.(mm)	0.500	up	+0.005			
			down	-0.005			
Insulation	Material	HDPE					
	Diameter	0.87±0.03mm					
Core Color	1 White- Blue /Blue	2 White-Orange /Orange					
	3 White- Green /Green	4 White- Brown /Brown					
Sheath	Thickness	0.50±0.05 mm					
	External O.D.	5.0±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					
Packing	Wooden Tray & Carton						
Carton dimension	35cm*35cm*20cm						
Packing length	(305±1.5)m						
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 Cold bend(-20±2℃×4h) 8×Cable O.D., No visible cracks		
Electrical Characteristics (20℃)					1.0-16.0MHz, impedance (Ω) 100±15 Delay Shew 20℃(ns/100m) ≤45 NVP 65% Capacitance(nF/100m) max: 6.6 DC ResistanceΩ/100m) max 9.5 DC Conductor Resistance Unbalance(%) max 5.0		

LAN CABLE

Technical Performance (100m):

Frequency (MHz)	RL \geq dB	ATT \leq dB	NEXT \geq dB	PHASE DELAY \leq ns
1	12.0	2.6	41.3	570.00
4.0	12.0	5.6	32.3	552.00
8.0	12.0	8.5	27.8	546.73
10.0	12.0	9.7	26.3	545.38
16.0	9.95	13.1	23.3	543.00

LAN CABLE

REF : U/UTP 4Pairs cable-category3-16MHz LSZH Sheath

Product Description: Rated temperature: 90℃ Reference Standard:UL444,UL1581 Bare solid copper conductor Rohs/REACH complied LSZH Jacket Flame Test: IEC60332-1 ,IEC60332-3C Installation temperature:-30℃~+50℃				10 Base-T 100 BASE-T4 Telephone Voice Wiring			
Content of the Data Sheet							
Category	U/UTP CAT3-4P-LSZH						
Test Standard	ISO/IEC11801、TIA-568-C.2 、YD/T1019						
Conductor	Material	Solid-Bare copper					
	Nom.O.D.(mm)	0.500	up	+0.005			
			down	-0.005			
Insulation	Material	HDPE					
	Diameter	0.87±0.03mm					
Core Color	1 White- Blue /Blue	2 White-Orange /Orange					
	3 White- Green /Green	4 White- Brown /Brown					
Sheath	Thickness	0.50±0.05 mm					
	External O.D.	5.0±0.4 mm					
	Surface	Clean,Frap,Satiation					
	Material	LSZH					
	Color	According to the requires					
Surface Printing	Letter height	3.0±0.3mm					
	Color	Black					
	Print error & Space	≤±0.5%, 1m					
Packing	Wooden Tray & Carton						
Carton dimension	35cm*35cm*20cm						
Packing length	(305±1.5)m						
Rip-cord	Yes	Drain wire	No				

Sheath Physical Properties	Before Aging	Tensile Strength (Mpa)	≥10.0	
		Elongation(%)	≥125	
	Aging Period(℃×hrs)	100℃×24h×7d		
	After Aging	Tensile Strength(Mpa)	≥8.0	
	Elongation(%)	≥100		
	Cold bend(-20±2℃×4h)	8×Cable O.D., No visible cracks		
Electrical Characteristics (20℃)	1.0-16.0MHz,	impedance (Ω)	100±15	
	Delay Shew 20℃(ns/100m)	≤45		
	NVP	65%		
	Capacitance(nF/100m) max:	6.6		
	DC ResistanceΩ/100m) max	9.5		
	DC Conductor Resistance Unbalance(%) max	5.0		

LAN CABLE

Technical Performance (100m):

Frequency (MHz)	RL ≥dB	ATT ≤dB	NEXT ≥dB	PHASE DELAY ≤ns
1	12.0	2.6	41.3	570.00
4.0	12.0	5.6	32.3	552.00
8.0	12.0	8.5	27.8	546.73
10.0	12.0	9.7	26.3	545.38
16.0	9.95	13.1	23.3	543.00