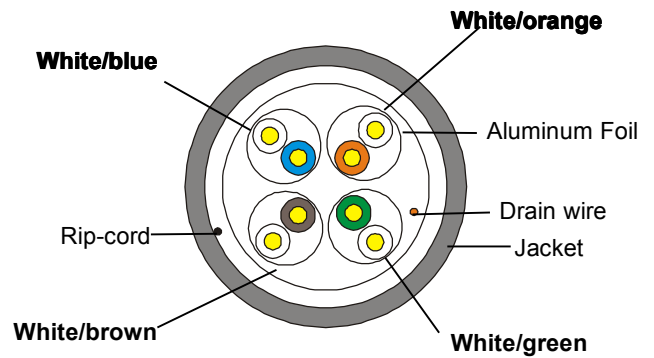


LAN CABLE

F/FTP 4Pairs cable-category 6A-PVC Sheath

Product Description: Rated temperature: 60°C,75°C, 90°C Reference Standard: UL444,UL1581,UL1666 Bare solid copper conductor Rohs/REACH complied PVC Jacket Flame Test: CMX,CM,CMR Installation temperature: -30°C~+50°C				Application: Volp , ISDN Token , 100M TP-PDM Analog and Data Video TR-16 Active And Passive 155M/662m/1.2GATM IEEE802.3: 100Base-T 100Base-T 1000Base-T 10GBase-T			
Content of the Data Sheet							
Category	F/FTP CAT6A-4P-PVC						
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	Skin-foam-skin PE					
	Diameter	1.350±0.05 mm					
Screening Material	Aluminum Foil	Drain wire	TC 0.45mm				
Sheath	Thickness	0.55±0.05 mm					
	External O.D.	7.6±0.5 mm					
	Surface	Clean					
	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 (With striped color)	1 White/Blue			2 White/Orange			
	3 White/Green			4 White/Brown			
Packing	Wooden Tray						
Wooden Tray dimension	According to the requires						
Packing length	305±1.0m						
Rip-cord	Yes						

Sheath Physical Properties	Before Aging	Tensile Strength (Mpa)	≥13.5
		Elongation (%)	≥100
	Aging Period (°C×hrs)	100°C×24h×7d	
	After Aging	Tensile Strength (Mpa)	≥12.5
	Elongation (%)	≥125	
	Cold bend (-20±2°C×4h) 8×Cable O.D. No visible cracks		
Electrical Characteristics (20°C)	Delay Shew (ns/100m)	≤45	
	Velocity of Propagation (%)	74	
	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	2.0	



LAN CABLE

Technical Performance (100m):

Frequency (MHz)	RL \geq dB	ATT \leq dB	NEXT \geq dB	PHASE DELAY \leq ns	Frequency (MHz)	PSNEXT \geq dB	ELFEXT \geq dB	PSELFEXT \geq dB
1	20.0	2.1	74.3	570.0	1	72.3	67.8	64.8
4.0	23.0	3.8	65.3	552.0	4	63.3	55.8	52.8
8.0	24.5	5.3	60.8	546.7	8	48.8	49.7	46.7
10.0	25.0	5.9	59.3	545.4	10	57.3	47.8	44.8
16.0	25.0	7.5	56.2	543.0	16	54.2	43.7	40.7
20.0	25.0	8.4	54.8	542.1	20	52.8	41.8	38.8
25.0	24.3	9.4	53.3	541.2	25	41.3	39.8	36.8
31.25	23.6	10.5	51.9	540.4	31.25	49.9	37.9	34.9
62.5	21.5	15.0	47.4	538.6	62.5	45.4	31.9	28.9
100	20.1	19.1	44.3	537.6	100	42.3	27.8	24.8
200	18.0	27.6	39.8	536.5	200	37.8	21.8	18.8
250	17.3	31.1	38.3	536.3	250	36.3	19.8	16.8
300	16.8	34.3	37.1	536.1	300	35.1	18.3	15.3
500	15.2	45.3	33.8	535.6	500	31.8	13.8	10.8

LAN CABLE

F/FTP 4Pairs cable-category 6A-LSZH Sheath

Product Description: Rated temperature: 90°C Reference Standard: UL444,UL1581 Bare solid copper conductor Rohs/REACH complied LSZH Jacket Flame Test: IEC60332-1 ,IEC60332-3C Installation temperature: -30°C~+50°C				Application: Volp , ISDN Token , 100M TP-PDM Analog and Data Video TR-16 Active And Passive 155M/662m/1.2GATM IEEE802.3: 100Bease;100Base-T 1000Base-T 10GBase-T							
Content of the Data Sheet											
Category	F/FTP CAT6A-4P-LSZH										
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	Skin-foam-skin PE									
	Diameter	1.350±0.05 mm									
Screening Material	Aluminum Foil	Drain wire	TC 0.45mm								
Sheath	Thickness	0.55±0.05 mm									
	External O.D.	7.6±0.5 mm									
	Surface	Clean									
	Material	LSZH									
	Color	According to the requires									
Surface Printing	Letter height	3.0±0.3mm									
	Color	Black									
	Print error & Space	±0.5%, 1m									
Core Color (With striped color)	1 White/Blue	2 White/Orange									
	3 White/Green	4 White/Brown									
Packing	Wooden Tray										
Wooden Tray dimension	According to the requires										
Packing length	305±1.0m										
Rip-cord	Yes										
				Sheath Physical Properties	Before Aging Tensile Strength (Mpa)	≥10.0					
					Elongation (%)	≥125					
					Aging Period (°C×hrs)	100°C×24h×7d					
					After Aging Tensile Strength (Mpa)	≥8.0					
					Elongation (%)	≥100					
				Cold bend (-20±2°C×4h) 8×Cable O.D. No visible cracks				Electrical Characteristics (20°C)	Delay Shew (ns/100m)	≤45	
				Velocity of Propagation (%)					74		
				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				2.0							

LAN CABLE

Technical Performance (100m):

Frequency (MHz)	RL ≥dB	ATT ≤dB	NEXT ≥dB	PHASE DELAY ≤ns	Frequency (MHz)	PSNEXT ≥dB	ELFEXT ≥dB	PSELFEXT ≥dB
1	20.0	2.1	74.3	570.0	1	72.3	67.8	64.8
4.0	23.0	3.8	65.3	552.0	4	63.3	55.8	52.8
8.0	24.5	5.3	60.8	546.7	8	48.8	49.7	46.7
10.0	25.0	5.9	59.3	545.4	10	57.3	47.8	44.8
16.0	25.0	7.5	56.2	543.0	16	54.2	43.7	40.7
20.0	25.0	8.4	54.8	542.1	20	52.8	41.8	38.8
25.0	24.3	9.4	53.3	541.2	25	41.3	39.8	36.8
31.25	23.6	10.5	51.9	540.4	31.25	49.9	37.9	34.9
62.5	21.5	15.0	47.4	538.6	62.5	45.4	31.9	28.9
100	20.1	19.1	44.3	537.6	100	42.3	27.8	24.8
200	18.0	27.6	39.8	536.5	200	37.8	21.8	18.8
250	17.3	31.1	38.3	536.3	250	36.3	19.8	16.8
300	16.8	34.3	37.1	536.1	300	35.1	18.3	15.3
500	15.2	45.3	33.8	535.6	500	31.8	13.8	10.8