

U/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;100Base-T 1000Base-T 10GBase-T			
Content of the Data Sheet						
Category	U/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	Aluminum Foil	Drain wire	TC	0.45mm		
Material	Thickness	0.55±0.05 mm				
	External O.D.	7.4±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 (%)	≥150	
				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		
			Delay Shew (ns/100m)	≤45		
			Velocity of Propagation (%)	74		
			Electrical Characteristics (20°C)	unbalanced-to-ground capacitance (pf/100m) max	330	
				DC Resistance (Ω/100m) max	9.38	
DC Conductor Resistance Unbalance (%) max	2.0					



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	68.0	65.0
4.0	23.0	3.8	65.3	552.0	4	63.3	56.0	53.0
8.0	24.5	5.3	60.8	546.7	8	58.8	49.9	46.9
10.0	25.0	5.9	59.3	545.4	10	57.3	48.0	45.0
16.0	25.0	7.5	56.2	543.0	16	54.2	43.9	40.9
20.0	25.0	8.4	54.8	542.1	20	52.8	42.0	39.0
25.0	24.3	9.4	53.3	541.2	25	51.3	40.0	37.0
31.25	23.6	10.5	51.9	540.4	31.25	49.9	38.1	35.1
62.5	21.5	15.0	47.4	538.6	62.5	45.4	32.1	29.1
100	20.1	19.1	44.3	537.6	100	42.3	28.0	25.0
200	18.0	27.6	39.8	536.5	200	37.8	22.0	19.0
250	17.3	31.1	38.3	536.3	250	36.3	20.0	17.0
300	16.8	34.3	37.1	536.1	300	35.1	18.5	15.5
500	15.2	45.3	33.8	535.6	500	31.8	14.0	11.0

