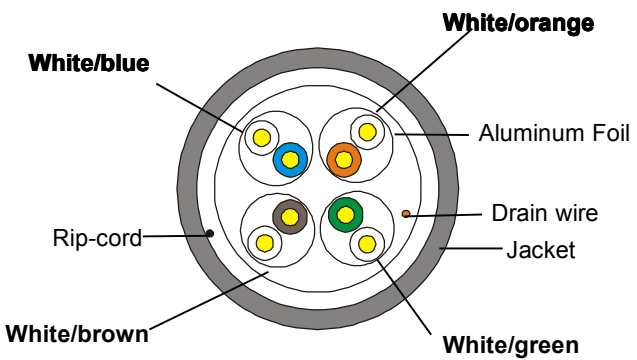


F/FTP 4Pairs cable-category 6A-PVC Sheath

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: Volp , ISDN Token , 100M TP-PDM Analong 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-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			Sheath Physical Properties	Before Aging	Tensile Strength (Mpa)	≥13.5	
	External O.D.	7.6±0.5 mm					Elongation (%)	≥100	
	Surface	Clean				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				Delay Shew (ns/100m)	≤45		
	Print error & Space	≤±0.5%, 1m				Velocity of Propagation (%)	74		
Core Color (With striped color)	1 White/Blue		2 White/Orange			Capacitance(nF/100m) max:	5.6		
	3 White/Green		4 White/Brown			unbalanced-to-ground capacitance(pf/100m)max	330		
Packing	Wooden Tray					DC Resistance (Ω/100m) max	9.38		
Wooden Tray dimension	According to the requires					DC Conductor Resistance Unbalance (%) max	2.0		
Packing length	305±1.0m								
Rip-cord	Yes								

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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

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