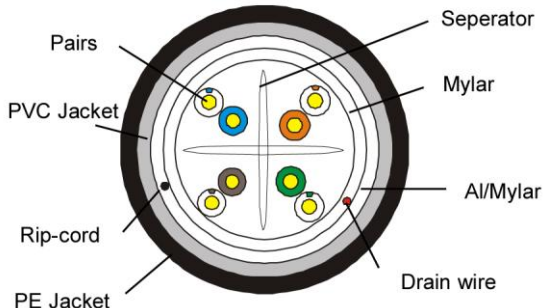


FTP Cat6, CU, 23AWG 4 Pair, 1/0.57mm , PVC Gray, 100M/Easy Pull Box

Sheath Printing	TBD										
Customer No.			Customer Reference								
Category	F/UTP CAT6-4P-PVC+PE										
Reference Standard	ISO/IEC11801, TIA- 568-C.2										
Conductor	Material		Solid Bare copper								
	Nom.O.D.(mm)		0.520	up	+0.005						down
Insulation	Material		HDPE								
	Diameter		1.05±0.05 mm								
Screening Material	Mylar +Al/Mylar										
Inner Jacket	Material	PVC	Color	TBD		Technical Performance (100m):					
	O.D.		6.9mm (Nom.)		Frequency (MHz)	RL ≥dB	ATT(20℃) ≤dB	NEXT ≥dB	PHASE DELAY ns 1		
Outer Jacket	Thickness		0.60±0.05mm		4.0	20.0	—	74.3	570.00		
	External O.D.		8.2±0.5 mm		8.0	23.0	3.78	65.3	552.00		
	Surface		Clean, Frap, Satiation		10.0	24.5	5.32	60.8	546.73		
	Material		LDPE (complies RoHS)		16.0	25.0	5.95	59.3	545.38		
	Color		Black		20.0	25.0	7.55	56.2	543.00		
					25.0	25.0	8.47	54.8	542.05		
Surface Printing	Letter height		3.0±0.3mm		31.25	24.3	9.51	53.3	541.20		
	Color		White		62.5	23.6	10.67	51.9	540.44		
	Print error & Space		≤±0.5%, 1m		100	21.5	15.38	47.7	538.55		
Core Color	1 White- Blue /Blue		2 White-Orange /Orange		200	20.1	19.80	44.3	537.60		
	3 White- Green /Green		4 White- Brown /Brown		250	18.0	28.98	39.8	536.54		
Packing	Wooden Tray & Carton						250	17.3	32.85	38.3	536.27
Wooden Tray dimension	According to the requires										
Packing length	305±1.5m						Frequency (MHz)	PSNEXT ≥dB	ELFEXT ≥dB	PSSELFEXT ≥dB	
Rip-cord	Yes		Drain wire		Yes		1	72.3	67.8	64.8	
Sheath Physical Properties	Before Aging Tensile Strength (Mpa)		≥10.0		4	63.3	55.8	52.8			
	Elongation(%)		≥350		8	58.8	49.7	46.7			
	Aging Period (℃×hrs)		100℃×24h×10d		10	57.3	47.8	44.8			
	After Aging Elongation(%)		≥300		16	54.2	43.7	40.7			
	Cold bend(-20±2℃×4h)		8×Cable O.D., No visible cracks		20	52.8	41.8	38.8			
Electrical Characteristics (20℃)	1.0-250.0MHz Impedance (Ω)		100±15		25	51.3	39.8	36.8			
	1.0-250.0MHz Delay Skew (ns/100m)		≤45		31.25	49.9	37.9	34.9			
	Unbalanced-to-ground capacitance (pf/100m) max		330		62.5	45.4	31.9	28.9			
	DC Resistance (Ω/100m) max		9.5		100	42.3	27.8	24.8			
	DC Conductor Resistance Unbalance (%)max		5.0		200	37.8	21.8	18.8			
							250	36.3	19.8	16.8	

