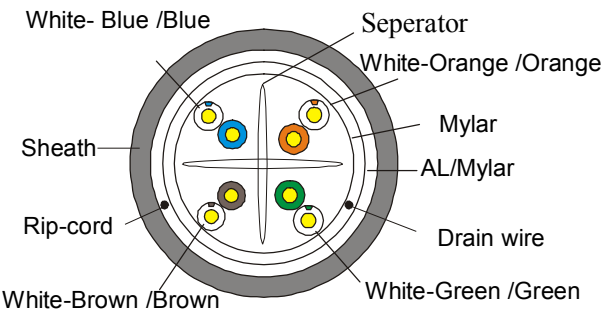


F/UTP 4Pairs cable-category 6- PVC Sheath
Content of the Data Sheet

Sheath Printing	TBD								
Customer No.		Customer Reference							
Category	F/UTP CAT6-4P-PVC								
Reference Standard	ISO/IEC11801 、TIA-568-C.2								
Conductor	Material	SOLID-Bare Copper							
	Nom.O.D.(mm)	0.565	up	+0.005					
			down	-0.005					
Insulation	Material	HDPE							
	Diameter	1.12±0.05 mm							
Screening Material	Mylar+ AL/Mylar								
Sheath	Thickness	0.60±0.05mm			Technical Performance (100m):				
	External O.D.	7.4±0.4mm			Frequency (MHz)	RL ≥dB	ATT (20℃) ≤dB	NEXT ≥dB	PHASE DELAY ≤ns
	Surface	Clean,Frap,Satiation			1	20.0	—	74.3	570.00
	Material	PVC(complies RoHS)			4.0	23.0	3.78	65.3	552.00
	Color	TBD			8.0	24.5	5.32	60.8	546.73
Surface Printing	Letter height	3.0±0.3mm			10.0	25.0	5.95	59.3	545.38
	Color	Black			16.0	25.0	7.55	56.2	543.00
	Print error & Space	≤±0.5%, 1m			20.0	25.0	8.47	54.8	542.05
					25.0	24.3	9.51	53.3	541.20
					31.25	23.6	10.67	51.9	540.44
Core Color	1 White- Blue /Blue	2 White-Orange /Orange			62.5	21.5	15.38	47.7	538.55
	3 White- Green /Green	4 White- Brown /Brown			100	20.1	19.80	44.3	537.60
Packing	Wooden Tray & Carton				200	18.0	28.98	39.8	536.54
Wooden Tray dimension	According to the requires				250	17.3	32.85	38.3	536.27
Packing length	305±1.5m				Frequency (MHz)	PSNEXT ≥dB	ELFEXT ≥dB	PSELFEXT ≥dB	
Rip-cord	Yes	Drain wire	Yes		1	72.3	67.8	64.8	
Sheath Physical Properties	Before Aging	Tensile Strength (Mpa)	≥13.5		4	63.3	55.8	52.8	
		Elongation(%)	≥150		8	58.8	49.7	46.7	
	Aging Period (℃×hrs)	100℃×24h×7d			10	57.3	47.8	44.8	
	After Aging	Tensile Strength(Mpa)	≥12.5		16	54.2	43.7	40.7	
		Elongation(%)	≥125		20	52.8	41.8	38.8	
	Cold bend(-20±2℃×4h)	8×Cable O.D., No visible cracks			25	51.3	39.8	36.8	
Electrical Characteristics (20℃)	1.0-250.0MHz	Impedance (Ω)	100±15		31.25	49.9	37.9	34.9	
	1.0-250.0MHz	Delay Skew (ns/100m)	≤45		62.5	45.4	31.9	28.9	
		Unbalanced-to-ground capacitance (pf/100m) max	330		100	42.3	27.8	24.8	
		DC Resistance (Ω/100m) max	9.38		200	37.8	21.8	18.8	
		DC Conductor Resistance Unbalance (%) max	5.0		250	36.3	19.8	16.8	
Version	A/01	Date	2017-08-25	Revised By	Caihanglie	Audited By	Nidonghua	Approved By	Nidonghua