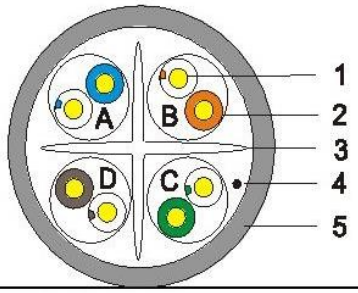
Cat 6 UTP 4-Pair Cable, 305M/Box

Part No: UTP/CAT6-4P-CMX PVC

Sheath Printing	It will be printed as customer's requirement with batch produce.



Technical Performance (100m):

Frequency (MHz)	RL ⩾dB	ATT ⩽dB	NEXT ⩾dB	DELAY ⩽ns
1	20.0	1.9	74.3	570.00
4.0	23.0	3.7	65.3	552.00
8.0	24.5	5.3	60.8	546.73
10.0	25.0	5.9	59.3	545.38
16.0	25.0	7.5	56.2	543.00
20.0	25.0	8.4	54.8	542.05
25.0	24.3	9.5	53.3	541.20
31.25	23.6	10.6	52.0	540.44
62.5	21.5	15.4	47.4	538.55
100	20.1	19.8	44.3	537.60
200	18.0	29.0	39.8	536.54
250	17.3	32.8	38.3	536.27

Frequency (MHz)	PSNEXT ⩾dB	ELFEXT ⩾dB	PSELFEXT ⩾dB
1	72.3	68.0	65.0
4	63.3	56.0	53.0
8	58.7	49.9	46.9
10	57.3	48.0	45.0
16	54.2	43.9	40.9
20	52.8	42.0	39.0
25	51.3	40.0	37.0
31.25	49.9	38.1	35.1
62.5	45.4	32.1	29.1
100	42.3	28.0	25.0
200	37.8	22.0	19.0
250	36.3	20.0	17.0

Category	UTP/CAT6-4P-CMX PVC(UL Verified)			
Test Standard	ISO/IEC11801、TIA/EIA 568B			
1. Conductor	Material	SOLID-Bare Copper		
	Nom. O.D. (mm)	0.55	Up	+0.005
			Down	-0.005
2. Insulation	Material	HDPE		
	Diameter	0.98±0.02mm		
Color	A.Blue, White-Blue	B.Orange,White-Orange		
	C.Green,White-Green	D.Brown, White-Brown		
3. 填充物	Plastic Separator : complies RoHS			
4. Rip-cord	Yes	Drain wire		No
5. Sheath	Thickness	0.55±0.05 mm		
	External O.D.	6.1±0.3 mm		
	Surface	Clean,Frap,Satiation		
	Material	CMX PVC(complies RoHS)		
	Color	Multiple		
Surface Printing	Letter height	3.0±0.3mm		
	Color	Black		
	Print error & Space	⩽±0.5%，1m		
Packing	Carton, pallet			
Carton dimension	40.5*40.5*21cm			
Packing length	305±1.5m			
Electrical Characteristics (20℃)	1.0-250.0MHz, Characteristic impedance (Ω) 100±15			
	1.0-250.0MHz, Delay Shew 20℃(ns/100m) ⩽45			
	DC Resistance 20℃(Ω/100m) max 9.5			
	DC Conductor Resistance Unbalance (%)max 5.0			
Sheath Physical Properties	Before Aging Tensile Strength (Mpa) ⩾13.5			
	Elongation (%) ⩾150			
	Aging Period (℃×hrs) 100℃×24h×7d			
	After Aging Tensile Strength (Mpa) ⩾12.5			
	Elongation (%) ⩾125			
	Cold bend (-20±2℃×4h) 8times cable O.D. No visible cracks			