

LAN CABLE SC-U/UTP-C6-PVC

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: 100Base-TX 100Base-T 100VG-AnyLAN 1000Base-T(Gigabit Ethernet) 1000Base-TX ATM Noisy Environments			
Content of the Data Sheet							
Category	U/UTP CAT6-4P-PVC						
Test Standard	ISO/IEC11801、TIA-568-C.2、YD/T1019						
Conductor	Material	Solid-Bare Copper					
	Nom.O.D.(mm)	0.570	<table border="1"> <tr> <td>up</td> <td>+0.005</td> </tr> <tr> <td>down</td> <td>-0.005</td> </tr> </table>				
up	+0.005						
down	-0.005						
Insulation	Material	HDPE					
	Diameter	1.02±0.03mm					
Sheath	Thickness	0.55±0.05 mm		Sheath Physical Properties	Before Aging Tensile Strength (Mpa)	≥13.5	
	External O.D.	6.3±0.4 mm			Elongation(%)	≥150	
	Surface	Clean, Frap, Satiation			Aging Period (℃×hrs)	100℃×24h×7d	
	Material	PVC			After Aging Tensile Strength(Mpa)	≥12.5	
Surface Printing	Color	According to the requires		Elongation(%)	≥125		
	Letter height	3.0±0.3mm		Cold bend(-20±2℃×4h) 8×Cable O.D., No visible cracks			
	Print error & Space	≤±0.5%, 1m		1.0-250.0MHz Impedance ((Ω)	100±15		
Core Color	1 White- Blue /Blue	2 White-Orange /Orange		1.0-250.0MHz Delay Shew (ns/100m)	≤45		
	3 White-Green /Green	4 White- Brown /Brown		NVP	69%		
Packing	Wooden Tray & Carton			Capacitance(nF/100m) max:	5.6		
Carton dimension	40.5*40.5*21cm			DC Resistance (Ω/100m) max	9.5		
Packing length	305±1.5m			DC Conductor Resistance Unbalance (%) max	5.0		
Rip-cord	Yes	Drain wire	No				



Technical Performance (100m):								
Frequency (MHz)	RL \geq dB	ATT(20°C) \leq dB	NEXT \geq dB	PHASE DELAY \leq ns	Frequency (MHz)	PSNEXT \geq dB	ELFEXT \geq dB	PSELFEXT \geq dB
1	20.0	2.03	74.3	570.00	1	72.3	67.8	64.8
4.0	23.0	3.78	65.3	552.00	4	63.3	55.8	52.8
8.0	24.5	5.32	60.8	546.73	8	58.8	49.7	46.7
10.0	25.0	5.95	59.3	545.38	10	57.3	47.8	44.8
16.0	25.0	7.55	56.2	543.00	16	54.2	43.7	40.7
20.0	25.0	8.47	54.8	542.05	20	52.8	41.8	38.8
25.0	24.3	9.51	53.3	541.20	25	41.3	39.8	36.8
31.25	23.6	10.67	51.9	540.44	31.25	49.9	37.9	34.9
62.5	21.5	15.38	47.7	538.55	62.5	45.4	31.9	28.9
100	20.1	19.80	44.3	537.60	100	42.3	27.8	24.8
200	18.0	28.98	39.8	536.54	200	37.8	21.8	18.8
250	17.3	32.85	38.3	536.27	250	36.3	19.8	16.8

