

LAN CABLE SCUTP5E24A

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						
Content of the Data Sheet										
Category	U/UTP CAT5E-4P-PVC									
Test Standard	ISO/IEC11801、TIA-568-C.2、YD/T1019									
Conductor	Material	Solid-Bare copper								
	Nom.O.D.(mm)	0.500	<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
up	+0.005									
down	-0.005									
Insulation	Material	HDPE								
	Diameter	0.88±0.03mm								
Sheath	Thickness	0.50±0.05 mm		Sheath Physical Properties	Before Aging Tensile Strength (Mpa)	≥13.5				
	External O.D.	5.0±0.4 mm			Elongation(%)	≥150				
	Surface	Clean,Frap,Satiation			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			1.0-100.0MHz Impedance(Ω)	100±15				
	Print error & Space	≤±0.5%, 1m			1.0-100.0MHz Delay Shew (ns/100m)	≤45				
Core Color	1 White- Blue /Blue	2 White-Orange /Orange		NVP	69%					
	3 White- Green /Green	4 White- Brown /Brown		Capacitance(nF/100m) max:	5.6					
Packing	Wooden Tray & Carton			DC ResistanceΩ/100m) max	9.5					
Carton dimension	35cm*35cm*20cm			DC Conductor Resistance Unbalance(%) max	5.0					
Packing length	(305±1.5)m									
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	2.0	65.3	570.00	1	62.3	63.8	60.8
4.0	23.0	4.1	56.3	552.00	4	53.3	51.8	48.8
8.0	24.5	5.8	51.8	546.73	8	48.8	45.7	42.7
10.0	25.0	6.5	50.3	545.38	10	47.3	43.8	40.8
16.0	25.0	8.2	47.2	543.00	16	44.4	39.7	36.7
20.0	25.0	9.3	45.8	542.05	20	42.8	37.8	34.8
25.0	24.3	10.4	44.3	541.20	25	41.3	35.8	32.8
31.25	23.6	11.7	42.9	540.44	31.25	39.9	33.9	30.9
62.5	21.5	17.0	38.4	538.55	62.5	35.4	27.9	24.9
100	20.1	22.0	35.3	537.60	100	32.3	23.8	20.8

