
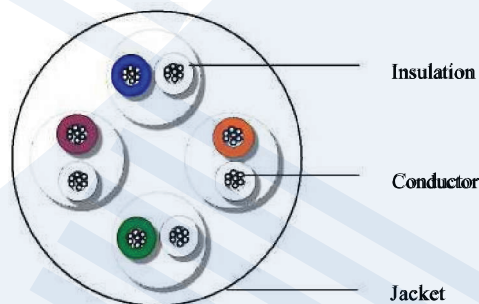


## SPECIFICATION

 Edition 1.0	Style	L.A.N. CABLE	Document No. LUMN
	Size	UTP CAT.5e 24AWG X 4P (Stranded)	Page 1/1

<b>Marking</b>		
I-SHENG E200579 UTP 4PR 24AWG ETL VERIFIED TO TIA/EIA-568-B.2 CAT.5e PATCH CABLE		
<b>Descripción</b>		
Rating Temp :	75°C	
Application :	Horizontal Wiring in LAN	
Standard :	UL444 - UL1581 > TIA/EIA 568-B.2	
<b>Construction &amp; Dimensión:</b>		
Conductor:	Material:	Annealed Bare Copper
	Size:	24AWGX4P
	Construction:	7/0.2 ±0.01 mm
Insulation:	Material:	HDPE
	Mínimum Average Thickness :	0.19 mm
	Mínimum Thickness at any point:	0.18 mm
	Diameter:	0.99 ±0.02 mm
<b>Identification:</b>	1.Blue>White/Blue 2.Orange>White/Orange 3.Green>White/Green 4.Brown>White/Brown	
CoreAssembly:	CoreTwist:	2 coretwist
	Filler:	NA
	Assembly Pair:	4 pair assembly
Taping:	Mylar Foil:	NA
Shielded :	Al-Mylar Foil:	NA
Braid :	Tinned copper:	NA
Drain:	Material:	NA
	Construction:	NA
<b>Jacket:</b>	Material:	PVC
	Mínimum Average Thickness :	0.45 mm
	Mínimum Thickness at any point:	0.4 mm
	Diameter:	5.4 ±0.2 mm
Approval	Drawing	

Electrical & Physical Properties :						
Frequency	RL	Att.	NEXT	PSNEXT	ELFEXT	PSELFEXT
0.772		2.2	67.0	64.0		
1.0	20.0	2.4	65.3	62.3	63.8	60.8
4.0	23.0	4.8	56.3	53.3	51.7	48.7
8.0	24.5	6.9	51.8	48.8	45.7	42.7
10.0	25.0	7.7	50.3	47.3	43.8	40.8
16.0	25.0	9.9	47.3	44.3	39.7	36.7
20.0	25.0	11.1	45.8	42.8	37.7	34.7
25.0	24.2	12.5	44.3	41.3	35.8	32.8
31.25	23.3	14.1	42.9	39.9	33.9	30.9
62.5	20.7	20.4	38.4	35.4	27.8	24.8
100.0	19.0	26.4	35.3	32.3	23.8	20.8
Impedance( 0.772-100 MHz):					85~115 ohm	
DC. Resistance Unbalance:					5%	
Pair-to-Ground Capacitance Unbalance:					330 pF/100m Max.	
Conductor Resistance:					9.38 ohm/100m 20°C Max	
Mutual Capacitance:					5.6 nF/m Max.	
SparkTest:					2.5 KV	
<b>Cross Section</b>						



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