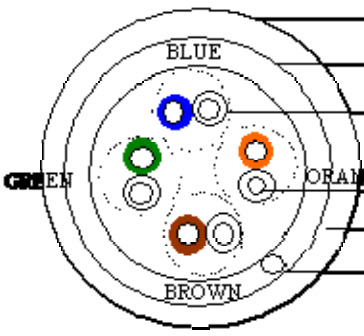


SPECIFICATION

STP C5

Issued Date	Style	L.A.N. CABLE	Document No.
2002-02-كانون الأول-2002			LUMN
Edition	Size	STP CAT.5 24AWG X 4P (Solid)	Page
1.0			1/1

Marking		Electrical & Physical Properties :			
Description		Frequency	RL	Att	NEXT
Rating Temp	75 °C	0.772	23	1.8	67
Flame test :	CM	1.0	23	2	65.3
Product Standard	UL file	4.0	23	4.1	56.3
Certification :	E200579	8.0	23	5.8	51.8
Application	Horizontal Wiring in LAN	10.0	23	6.5	50.3
Standard :	UL444、UL1581 、TIA/EIA 568B.2	16.0	23	8.2	47.3
Construction & Dimension :		20.0	23	9.3	45.8
Conductor : Material :	Annealed Bare Copper	25.0	22	10.4	44.3
Size :	24 AWG X 4P	31.25	21	11.7	42.9
Construction :	1 / 0.51± 0.01 mm	62.5	18	17	36.4
Insulation : Material :	HDPE	100.0	16	22	35.3
Minimum Average Thickness :	0.19 mm	Impedance (0.772-100 MHz) : 85 ~ 115Ω			
Minimum Thickness at any point :	0.18 mm	DC. Resistance Unbalance : 5%			
Diameter :	0.92 ± 0.02 mm	Pair-to-Ground Capacitance Unbalance : 330 pF/100m Max.			
Identification :	1. BLUE×WHITE/ BLUE 2. ORANGE×WHITE / ORANGE 3. BROWN×WHITE/ BROWN 4. GREEN×WHITE/ GREEN	Conductor Resistance : 9.38 Ω/100m 20°C Max			
		Mutual Capacitance : 5.6 nF/m Max.			
		Spark Test : 2.5 KV			
		Cross Section			
					
		Jacket			
		Mylar			
		Insulation			
		Conductor			
		Al-Mylar			
		drain			

Core Assembly :	Core Twist : 2 core twist
	Filler : NA
	Assembly Pair : 4 pair assembly
Taping :	Mylar Foil : 0.025 mm
Shielded :	Al-Mylar Foil : 0.025 mm
Braid :	Tinned copper : NA
Drain :	Material : Tinned Copper
	Construction : 1 / 0.51± 0.01
Jacket :	Material : PVC
	Average Thickness : 0.5 mm
	Minimum Thickness at any point : 0.4 mm
	Diameter : 5.5 ± 0.2 m

Made in Taiwan