

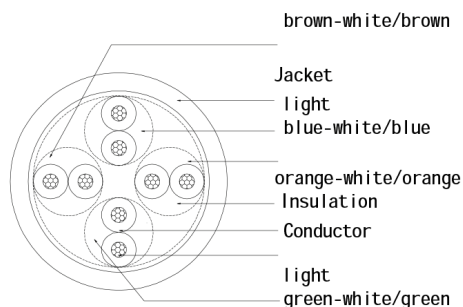
WIRE & CABLE SPECIFICATION

ITEM			SPECIFICATION			
CABLE			UTP Cat.5e 24AWG×4P+Jacket			
CORE			#1P	#2P	#3P	#4P
CONDUCTOR	Material		Bare Copper	Bare Copper	Bare Copper	Bare Copper
	Size	mm	24AWG(7/32AWG)	24AWG(7/32AWG)	24AWG(7/32AWG)	24AWG(7/32AWG)
INSULATION	Material		HDPE	HDPE	HDPE	HDPE
	Thickness	mm	0.18	0.18	0.18	0.18
	O.D.	mm	0.97 ±0.03	0.97 ±0.03	0.97 ±0.03	0.97 ±0.03
SPIRAL	AWG		/	/	/	/
	Material		/	/	/	/
	COND.Size	mm	/	/	/	/
Filler	Material		/	/	/	/
SHIELDING	Material		/	/	/	/
	OVERLAP		/	/	/	/
BRAID	Material		/	/	/	/
	Coverage	%	/	/	/	/
	COND.Size	mm	/	/	/	/
JACKET	Material		PVC	/	/	/
	Colour		For Any Color	/	/	/
	Thickness	mm	0.60	/	/	/
	O.D.	mm	5.35 ± 0.15mm	/	/	/
	Marking		350MHZ ENHANCED CAT.5 UTP 4PAIR 24AWG C(UL) CMH FT4 E200534 ETL VERIFIED TO TIA/EIA-568-B.2 CAT.5E PATCH CABLE---ELTOP ELECTRONICS XXXXFT			

COLOR CODE/ CONSTRUCTION

24AWG×4P Color Code:

- 1.Light Blue—White/Blue
- 2.Orange—White/Orange
- 3.Light Green. —White/Green
- 4.Brown—White/Brown



ELECTRONIC CHARACTERS

DC Conductor Resistance (Ω /100M:9.38

Return Loss(dB): Min 23

Delay Skew(ns/100m):57

Impedance (Ω): 100±15 Ω

Attenuation (dB/100M):

0.772MHz	2.16	26.0MHz	9.90
1.00MHz	2.45	20.0MHz	11.13
2.00MHz	3.44	25.0MHz	12.51
4.00MHz	4.86	31.25MHz	14.08
8.00MHz	6.92	62.5MHz	20.42
10.0MHz	7.76	100.0MHz	26.41

PHYSICAL PROPERTIES OF JACKET

Tensile Strength (psi): Min. 1800

Aged (%): Min. 70

Elongation (%): Min. 100

Aged (%): Min. 70

Heat Shock Test : No Cracking

Cold Bend Test : No Cracking

Deformation Test (%): Max 50

Card No.	2005/07/01-G001	REV	A
Part No.	UTP-2404P-0N0-0535-000-000	DATE	2005/07/01