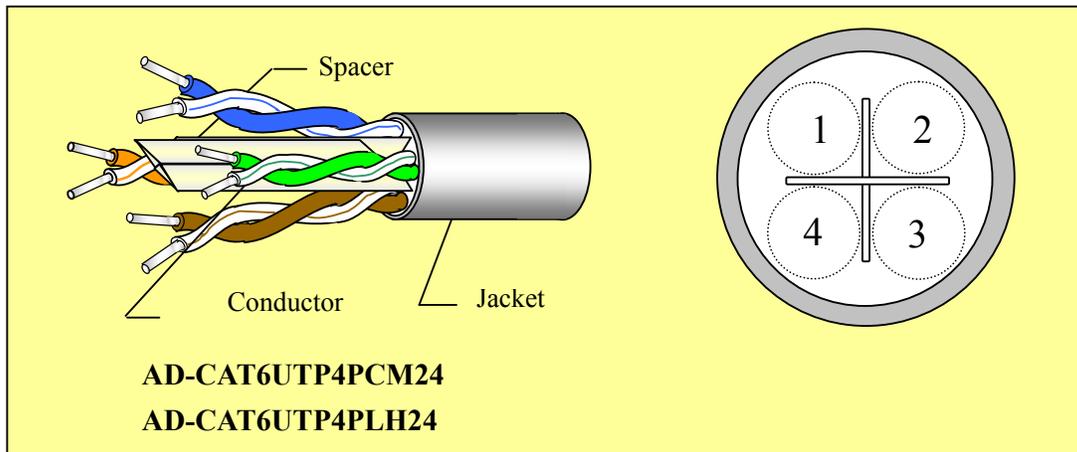




ADDISON TECHNOLOGY

Coastal House, 180 Bridge Road, Southampton, England S031
 Tel: (44) 1489 556957
 Fax: (44) 1489 556931

Product Specification	UTP CAT6 4PR 24AWG CABLE	 US LISTED E222756
------------------------------	---------------------------------	---



1. Wire Construction :

Pair	Wire Arrangement
1 P	Blue × White / Blue Stripe
2 P	Orange × White / Orange Stripe
3 P	Green × White / Green Stripe
4 P	Brown × White / Brown Stripe

2. Structure :

Item		Specification
Conductor	Material	Annealed Copper
	Construction	1 / 0.567 ± 0.005 mm
	Diameter	Approx. 0.567 mm
Insulation	Material	HDPE
	Average Thickness	0.221 mm
	Diameter	1.01 ± 0.02 mm
Twisted		Refer to structure figure
Assembly	Arranged in accordance with the structure figure.	
Jacket	Material	PVC or LSOH
	Average Thickness	0.6 mm

United Kingdom *United States * Singapore * Hong Kong * China *Japan * Philippine

Addison Website: www.addison-tech.com
 Please contact webmaster@addison-tech.com for any further clarifications.



ADDISON TECHNOLOGY

Coastal House, 180 Bridge Road, Southampton, England S031
Tel: (44) 1489 556957
Fax: (44) 1489 556931

Product Specification	UTP CAT6 4PR 24AWG CABLE	 US LISTED E222756
------------------------------	---------------------------------	--

Diameter	6.4 ± 0.2 mm
Packing	305 m plywood drum in a box

3. Characteristic :

- (1) Conductor : 93.8Ω / Km MAX (20°C)
- (2) Conductor Unbalance : Max. 5 %
- (3) Capacitance Unbalance : 3300 pf/Km (1KHz pair to ground)
- (4) Potential Withdraw : DC 500V / 1min. or AC 350 V / 1min. (Between wire and ground)
- (5) Insulation Resistance : 1500MΩ – Km DC 500V (Between wire and ground)

(6) Characteristic Impedance :

Frequency (MHz)	Characteristic Impedance (Ω)
1 ~ 250	100 ± 15

(7) Electric Properties :

Frequency (MHz)	Attenuation Max. (dB)	NEXT Min. (dB)	PS Next Min. (dB)	ELFEXT Min. (dB)	PS ELFEXT Min. (dB)	Return Loss Min. (dB)	LCL Min. (dB)
1	2.0	74.3	72.3	67.8	64.8	20	40
4	3.8	65.3	63.3	55.8	52.8	23	40
8	5.3	60.8	58.8	49.7	46.7	24.5	40
10	6.0	59.3	57.3	47.8	44.8	25	40
16	7.6	56.2	54.2	43.7	40.7	25	38
20	8.5	54.8	52.8	41.8	38.8	25	37
25	9.5	53.3	51.3	39.8	36.8	24.2	36
31.25	10.7	51.9	49.9	37.9	34.9	23.7	35.1
62.5	15.4	47.4	45.4	31.9	28.9	21.5	32.0
100	19.8	44.3	42.3	27.8	24.8	20.1	30.0
200	29.0	39.8	37.8	21.8	18.8	18	27.0
250	32.8	38.3	36.3	19.8	16.8	17.3	26.0

United Kingdom *United States * Singapore * Hong Kong * China *Japan * Philippine

Addison Website: www.addison-tech.com

Please contact webmaster@addison-tech.com for any further clarifications.