



# CORNER ELECTRONIC PRODUCTS CO. LTD.

6F.-7,NO.20, LANE 609,SEC.5,CHUNG-HSIN RD., SAN CHUNG DIST. NEW TAIPEI CITY 241,TAIWAN,R.O.C.  
Tel:+886-2-2999-8431~2 Fax:+886-2-2999-8430 website: www.cptechusa.com E-mail: karen@cptechusa.com



## SPECIFICATION FOR APPROVAL

PART NO: \_\_\_\_\_

CUSTOMER P/N: \_\_\_\_\_

DESCRIPTION: UTP PATCH CAT.5E

REV.NO: 120803

DATE: 2012/8/3

SPE.NO: MGAD157~159/370&467/529/582

APPROVED DATE	YY	MM	DD
APPROVED SIGNATURE			

Approved Jane Zhaw

Engineer Pinden Den

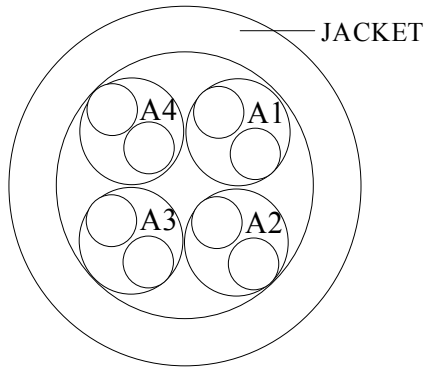


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## CABLE SPECIFICATION

Ref. Drawing:



Color code:

- A1.ORANGE+WHITE/ORANGE
- A2.BLUE+WHITE/BLUE
- A3.BROWN+WHITE/BROWN
- A4.GREEN+WHITE/GREEN



<b>Marking</b>	<b>350MHZ ETL VERIFIED ANSI/TIA 568C.2 CATEGORY 5E CM 75°C UTP PATCH CORD 4PAIR 24AWG E197532 xxxxxxFT(Continuous gush an odd number of FT)</b>			
SPEC NO. :	UTP PATCH CAT.5E (24AWGx2)x4			
UL File NO. :	E197532	UL Style:	CM	Date: 2012/8/3 Spec. NO. : MGAD157~159/370/467/529/582
Construction Item			Component A	
			4P	
Conductors	Construction AWG	AWG	24	
	Conductors Size	No/mm	7/0.2+/-0.010	
	Material	--	Bare Copper	
Insulators	Material	--	Polyolefin	
	Diameter	mm	0.96+/-0.05	
	Average Thickness	mm	0.15	
outside Layer	Direction	--	S(Right)	
Jacket	Material	--	PVC	
	Diameter	mm	5.4+/-0.15	
	Average Thickness	mm	0.5	
Spec. NO	MGAD158/467	MGAD582/159	MGAD157/529	MGAD370
Jacket Color	BLUE	GRAY	YELLOW	BLACK
Marking Color	BLACK			WHITE



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1. Temperature rating: 75°C
2. Dielectric strength: 500V AC/1min
3. Insulation resistance: Polyolefin -----Min 100 mega ohms-10m at 20°C
4. Conductor resistance: 24AWG-----Max 87.6 ohms/km at 20°C
5. Environment Protect Standard: Reach,RoHS
6. Tensile strength test are before aging
  - 6.1 Insulation -----min 1400 psi (Polyolefin)
  - 6.2 Jacket -----min 2000 psi( PVC)
7. Tensile strength test are after aging
  - 7.1 Insulation -----75% of before aging(Polyolefin)
  - 7.2 Jacket -----85% of before aging(PVC)
8. Elongation before aging
  - 8.1 Insulation -----350%(Polyolefin)
  - 8.2. Jacket -----100%(PVC)
9. Elongation after aging
  - 9.1 Insulation -----75% of before aging(Polyolefin)
  - 9.2 Jacket -----50% of before aging(PVC)