



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 SOLID CAT.5E

REV.NO: 120528

DATE: 2012/8/9

SPE.NO: MGAD565

APPROVED DATE	YY	MM	DD
APPROVED SIGNATURE			

Approved Jane zhan

Engineer Pinden Den



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CABLE SPECIFICATION



SPEC NO.:	UTP SOLID CAT.5E (24AWGx2)x4						
UL File NO.:	E197532	UL Style:	/	Date:	2012/5/28	Spec. NO.:	MGAD565

Ref. Drawing:	<p style="text-align: center;">JACKET</p>	Color code: A1.ORANGE+WHITE/ORANGE A2.BLUE+WHITE/BLUE A3.BROWN+WHITE/BROWN A4.GREEN+WHITE/GREEN
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Marking (MJET1025)	350MHZ ETL VERIFIED ANSI/TIA 568C.2 CATEGORY 5E CM 75°C UTP 4PAIR 24AWG E197532 xxxxxxFT(Continuous gush an odd number of FT)
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Marking Color	BLACK
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Construction Item			Component A
Conductors	Construction AWG	AWG	24
	Conductors Size	No/mm	1/0.500+/-0.010
	Material	--	Bare Copper
Insulators	Material	--	Polyolefin
	Diameter	mm	0.90+/-0.05
	Average Thickness	mm	0.15
	Insulators NO.	pcs	4P
outside Layer	Direction	--	S(Right)
Jacket	Material	--	PVC
	Diameter	mm	5.3+/-0.10
	Average Thickness	mm	0.5
	Color	--	GREEN (P.T341C)



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1. Temperature rating: 75

2. Dielectric strength: 500V AC/1min

3. Insulation resistance: Polyolefin -----Min 100 mega ohms-10m^o@ 20

4. Conductor resistance: 24AWG-----Max 85.9 ohms/km at 20

5. Environment Protect Standard: Reach, RoHS

6. Tensile strength test are before aging

6.1 Insulation -----min 1400 psi (Polyolefin)

6.2 Jacket -----min 1600 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 -----200% (PVC)

9. Elongation after aging

9.1 Insulation -----75% of before aging (Polyolefin)

9.2 Jacket -----60% of before aging (PVC)