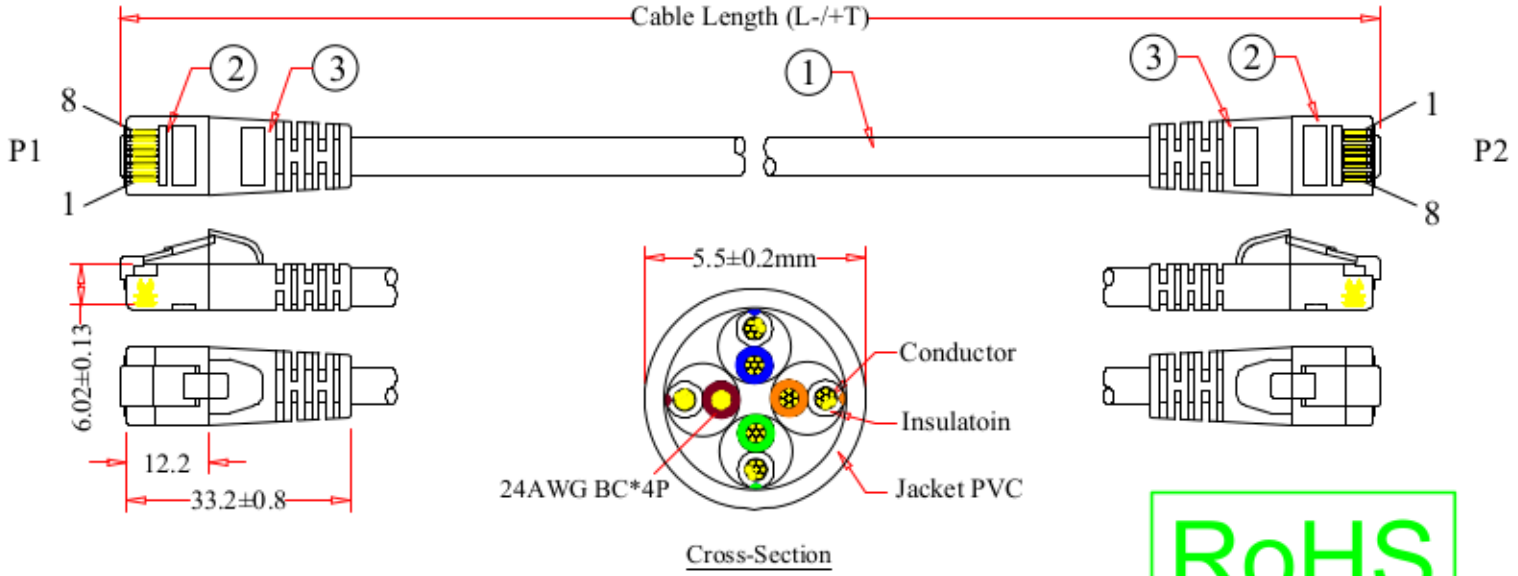
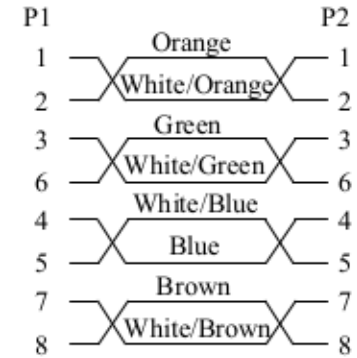
REV.	DESCRIPTION	DATE
A		04-2106



PART NO.	CABLE LENGTH	
	L	-/+T(mm)
10X6-0xx00.5	0.5 FT	-10/+30
10X6-0xx01	1 FT	-10/+30
10X6-0xx02	2 FT	-10/+30
10X6-0xx03	3 FT	-10/+30
10X6-0xx04	4 FT	-15/+50
10X6-0xx05	5 FT	-15/+50
10X6-0xx06	6 FT	-15/+50
10X6-0xx07	7 FT	-15/+50
10X6-0xx10	10 FT	-15/+50
10X6-0xx14	14 FT	-20/+50
10X6-0xx15	15 FT	-20/+50
10X6-0xx20	20 FT	-30/+60
10X6-0xx25	25 FT	-35/+75
10X6-0xx30	30 FT	-45/+90
10X6-0xx35	35 FT	-50/+100
10X6-0xx50	50 FT	-75/+150
10X6-0xx75	75 FT	-100/+200
10X6-0xxHD	100 FT	-150/+300

Pin Assignment



Color Options

21 Gray
22 Black
31 Orange
41 Purple
51 Green
61 Blue
71 Red
72 Pink
81 Yellow
91 White

RoHS

NOTES:

1.Electrical Test:

(1)100% Open Short & Miswire Test.

(2) Insulation Resistance 1 MΩ MIN.

NO.	SPECIFICATIONS
3	PVC Molded Hood Boot
2	RJ45 8P8C Plug, Pin 30u" gold Plated
1	CAT5e UTP,24AWG BC x4P, Stranded ,ETL Verified, UL/CSA approved, OD: 5.5±0.2mm

BOM LIST

ITEM NUMBER	10X6-0xxxx			DRAWER	JL
TITLE	CAT5e UTP Bootless Ethernet Cable			CHECKED	
				APPROVED	
MATERIAL		SCALE			
REV.	A	UNIT	MM		
DRAWING NO:					
ID(NO.)	124				

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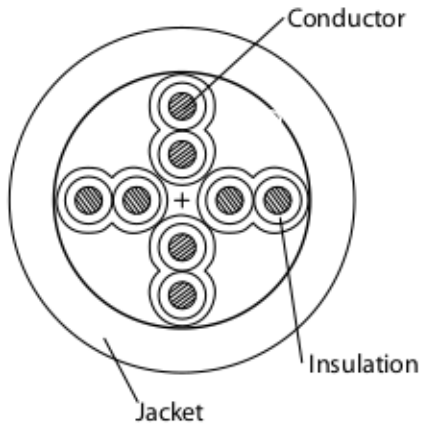
REV.	DESCRIPTION	DATE
B		02-2006
C		11-2013

Product Specifications

Construction & Material :

Item			Unit	Specification
Product				CAT-5 E UTP 4P
Conductor	Size		AWG	24
	Number		Pairs	4
	Material			Stranded Bare Copper
	Construction		pcs / mm	7/0.196
	Diameter		mm	0.588
Insulation	Material			HD-PE
	Min.thickness		mm	0.161
	Avg.thickness		mm	0.181
	Diameter		mm	0.99
	Color			Blue-White/Blue Orange-White/Orange Green-White/Green Brown-White/Brown
Twisting	Construction			See Cross Section
Cabling	Construction			See Cross Section
Jacket	Material			PVC
	Min.thickness		mm	0.45
	Avg.thickness			0.55
	Overall Diameter		mm	5.50 ± 0.20
	Color			By Order
Marking	TYPE CM 75°C (UL) E188630 24AWG CSA LL81295 CMG 75°C FT4 ETL VERIFIED TIA/EIA-568 B.2 CAT.5e Patch Cable UTP			

Cross Section:



DRAWER	JL
CHECKED	MAC
APPROVED	MAC

Black Cable : White Marking
Other Cable : Black Marking

COLORS:	PART NUMBER:	TITLE:
Gray, Black, Orange, Purple, Green, Blue, Red, Pink, Yellow, White	10X6-0xxSH	CAT-5 E UTP, 24AWG, Stranded

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REV.	DESCRIPTION	DATE
B		02-2006
C		11-2013

Electrical Property :

Item	Unit	Specification	Standard
D-C Resistance	Ohm/100M	AT 20°C	DC Max.9.38
D-C Resistance Unbalance	%	------	Max.5
Capacitance Unbalance	pF/100M	------	Max.330
Characteristic Impedance 1.0-100.0MHz	Ohm /100M	------	100±15
Temperature rating	°C	Celsius	-10/ +75
Dielectric Withstand	AV/2 Sec.	1500V	No Breakdown

Frequency MHz	Attenuation dB/100m	NEXT Pair-Pair (dB)	NEXT Power Sum (dB)	ELFEXT Pair-Pair (dB)	ELFEXT Power Sum (dB)	Structural Return Loss (dB)	Return Loss (dB)
1	2.4	65.3	62.3	63.8	60.8	23.0	20.0
10	7.8	50.3	47.3	43.8	40.8	23.0	25.0
16	9.9	47.3	44.4	39.7	36.7	23.0	25.0
20	11.1	45.8	42.8	37.7	34.7	23.0	25.0
25	12.5	44.4	41.3	35.8	32.8	22.0	24.2
31.25	14.1	42.9	39.9	33.9	30.9	21.1	23.3
62.5	20.4	38.4	35.4	27.8	24.8	18.1	20.7
100	26.4	35.3	32.3	23.8	20.8	16.0	19.0

DRAWER	JL
CHECKED	MAC
APPROVED	MAC

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