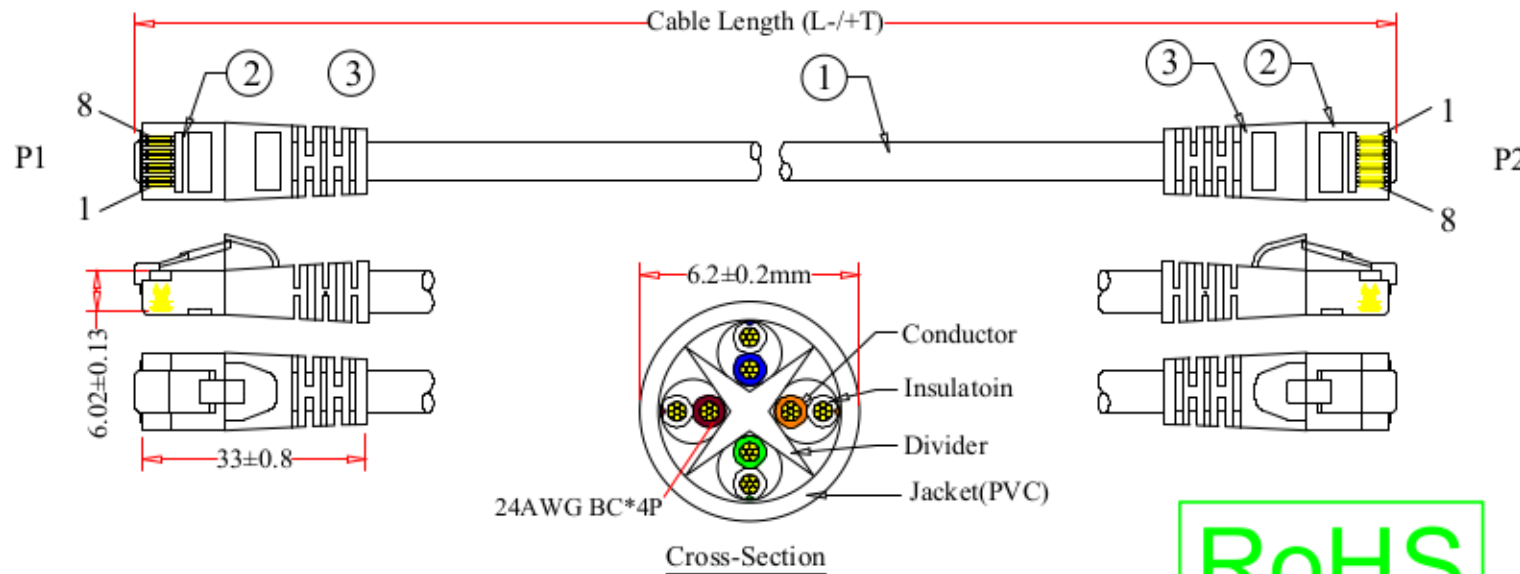


REV.	DESCRIPTION	DATE
A		04-2106



RoHS

PART NO.	CABLE LENGTH	
	L	-/+T(mm)
13X6-0xx01	1 FT	-10/+30
13X6-0xx02	2 FT	-10/+30
13X6-0xx03	3 FT	-10/+30
13X6-0xx05	5 FT	-15/+50
13X6-0xx07	7 FT	-15/+50
13X6-0xx10	10 FT	-15/+50
13X6-0xx14	14 FT	-20/+50
13X6-0xx15	15 FT	-20/+50
13X6-0xx20	20 FT	-30/+60
13X6-0xx25	25 FT	-35/+75
13X6-0xx30	30 FT	-45/+90
13X6-0xx35	35 FT	-50/+100
13X6-0xx50	50 FT	-75/+150
13X6-0xx75	75 FT	-100/+200
13X6-0xxHD	100 FT	-150/+300

Pin Assignment			
P1			P2
1	Orange		1
2	White/Orange		2
3	Green		3
6	White/Green		6
4	White/Blue		4
5	Blue		5
7	Brown		7
8	White/Brown		8

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

NOTES:

1. Electrical Test:
 - (1) 100% Open Short & Miswire Test.
 - (2) Insulation Resistance 1 MΩ MIN.

3	PVC Molded Hood Boot
2	RJ45 8P8C Plug, Short Plug, Pin 30u" gold Plated
1	CAT6a UTP, 24AWG BC x4P, Stranded, ETL Verified, UL/CSA approved, OD: 6.2±0.2mm
NO.	SPECIFICATIONS
BOM LIST	

ITEM NUMBER	13X6-0xxxx		DRAWER	JL
TITLE	Cat6a Ethernet Patch Cable, Snagless/Molded Boot, 500 MHz		CHECKED	
MATERIAL	SCALE		APPROVED	
REV.	A	UNIT	MM	
DRAWING NO:				
ID(NO.)	124			



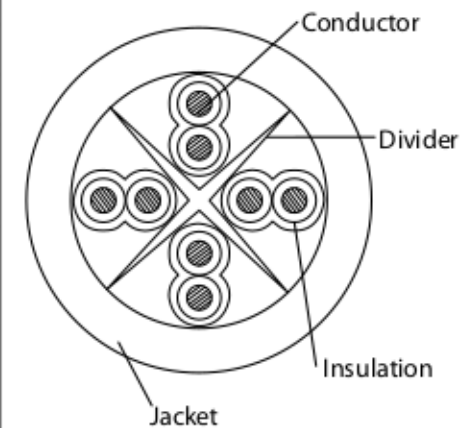
REV.	DESCRIPTION	DATE
A		02-2014

Product Specifications

Construction & Material :

Item		Unit	Specification
Product			CAT-6A 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
Divider	Material		PE
Cabling	Construction		See Cross Section
Jacket	Material		PVC
	Min.thickness	mm	0.45
	Avg.thickness		0.55
	Overall Diameter	mm	6.20±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.2-10 CAT.6A Patch Cable UTP		

Cross Section:



DRAWER	JL
CHECKED	MAC
APPROVED	MAC

Black Cable : White Marking
Other Cable : Blue Marking

COLORS:	PART NUMBER:	TITLE:
Gray, Black, Orange, Purple, Green, Blue, Red, Pink, Yellow, White	10X8-0xxSH	CAT-6A UTP, 24AWG, Stranded

etlipse
SECURITY

Electrical Property :

REV.	DESCRIPTION	DATE
A		02-2014

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	AC / 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)	Return Loss (dB)
1	2.4	74.3	72.3	67.8	64.8	20.0
10	7.1	59.3	57.3	47.8	44.8	25.0
31.25	12.8	51.9	49.9	37.9	34.9	23.3
62.5	18.5	47.4	45.4	31.9	28.8	20.7
100	23.8	44.3	42.3	27.8	24.8	19.0
125	26.8	42.8	40.8	25.9	22.9	18.2
200	34.8	39.8	37.8	21.7	18.7	16.4
250	39.4	38.3	36.3	19.8	16.8	15.6
250	39.4	38.3	36.3	19.8	16.8	15.6

DRAWER	JL
CHECKED	MAC
APPROVED	MAC
