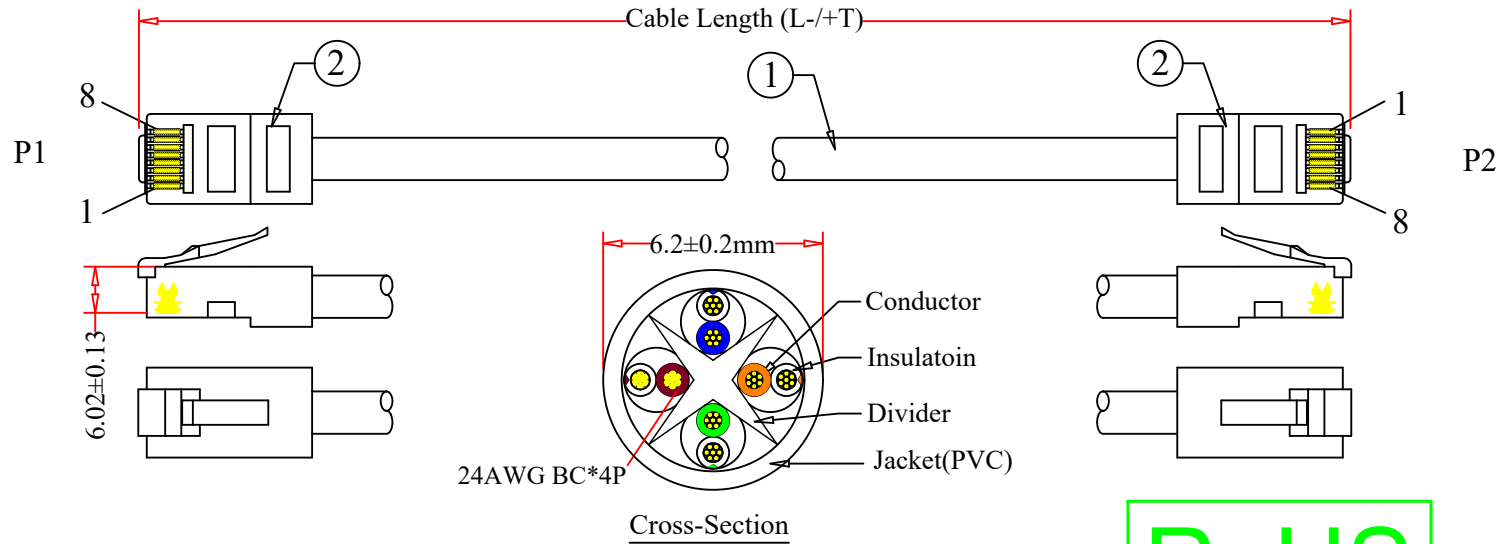


REV.	DESCRIPTION	DATE
A		04-2106



PART NO.	CABLE LENGTH	
	L	-/+T(mm)
10X8-1xx01	1 FT	-10/+30
10X8-1xx02	2 FT	-10/+30
10X8-1xx03	3 FT	-10/+30
10X8-1xx04	4 FT	-15/+50
10X8-1xx05	5 FT	-15/+50
10X8-1xx06	6 FT	-15/+50
10X8-1xx07	7 FT	-15/+50
10X8-1xx10	10 FT	-15/+50
10X8-1xx14	14 FT	-20/+50
10X8-1xx15	15 FT	-20/+50
10X8-1xx20	20 FT	-30/+60
10X8-1xx25	25 FT	-35/+75
10X8-1xx30	30 FT	-45/+90
10X8-1xx35	35 FT	-50/+100
10X8-1xx50	50 FT	-75/+150
10X8-1xx75	75 FT	-100/+200
10X8-1xxHD	100 FT	-150/+300

RoHS

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	
2	RJ45 8P8C Plug, Pin 30u" gold Plated
1	CAT6 UTP 24AWG BCx4P, Stranded ,ETL Verified, UL/CSA approved, PVC, OD: 6.2±0.2mm
NO.	SPECIFICATIONS
	BOM LIST

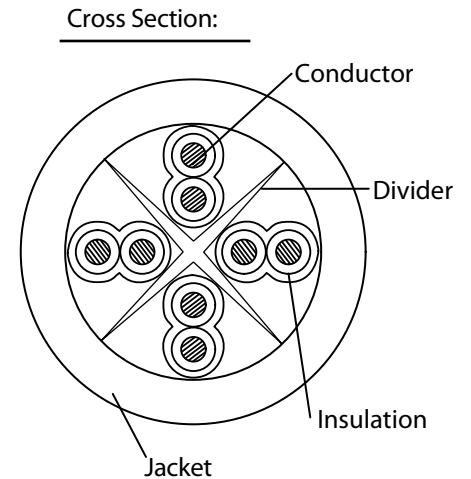
ITEM NUMBER	10X8-1xxxx			DRAWER	JL
TITLE	CAT6 UTP Bootless Ethernet Cable			CHECKED	
				APPROVED	
MATERIAL	SCALE				
REV.	A	UNIT	MM		
DRAWING NO:					
ID(NO.)	124				

Product Specifications

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

Construction & Material :

Item		Unit	Specification
Product			CAT-6 UTP 4P
Conductor	Size	AWG	24
	Number	Pairs	4
	Material		Stranded Bare Copper
	Construction	pcs / mm	7/0.203
	Diameter	mm	0.609
Insulation	Material		HD-PE
	Min.thickness	mm	0.152
	Avg.thickness	mm	0.171
	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.2-1 CAT.6 Patch Cable UTP		



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	10X8-0xx5H	CAT-6 UTP, 24AWG, Stranded

Electrical Property :

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

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

DRAWER	JL
CHECKED	MAC
APPROVED	MAC
