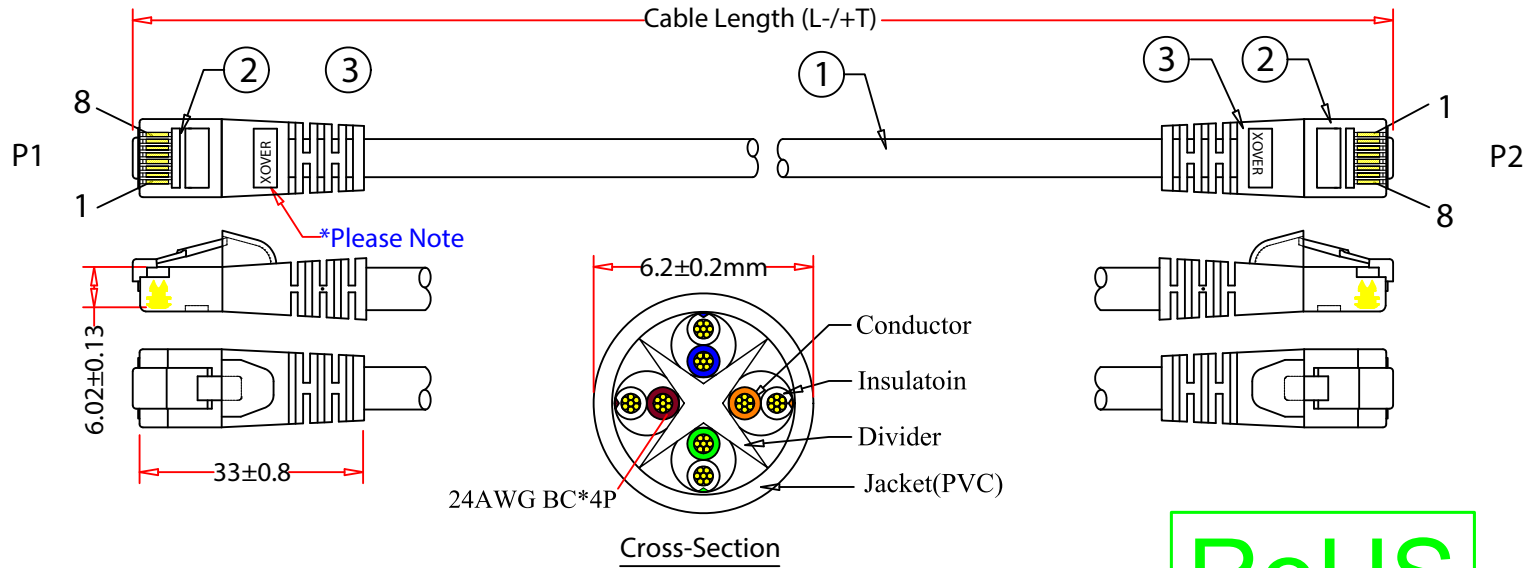


REV.	DESCRIPTION	DATE
A		04-2106



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

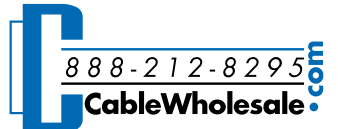
RoHS

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

**Jacket Color Options**  
 Gray = 31  
 Orange = 33  
 Red = 37

**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, Pin 30u" gold Plated
1	CAT6 UTP, 24AWG BC x4P, Stranded, ETL Verified, UL/CSA approved, OD: 6.2±0.2mm
NO.	SPECIFICATIONS
BOM LIST	

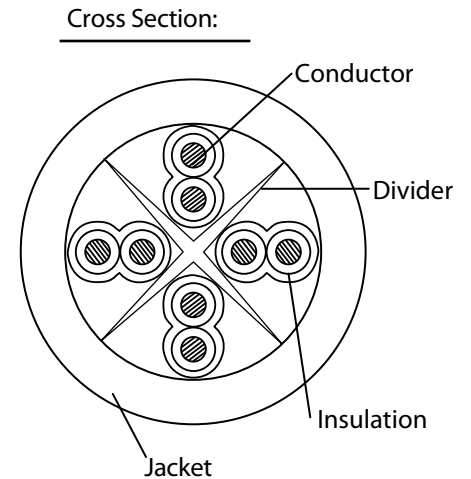
ITEM NUMBER	10X8-3xxxx		DRAWER	JL
TITLE	Cat6 Ethernet Crossover Cable Snagless/Molded Boot		CHECKED	
MATERIAL	SCALE		APPROVED	
REV.	A	UNIT	MM	
DRAWING NO:				
ID(NO.)	124			

# Product Specifications

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

## Construction & Material :

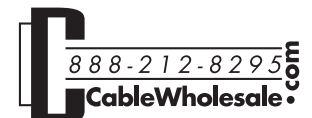
Item		Unit	Specification
Product			CAT-6 UTP 4P
Conductor	Size	AWG	24
	Number	Pairs	4
	Material		Stranded Bare Copper
	Construction	pcs / mm	7/0.203
	Diameter	mm	0.609
Insulation	Material		HD-PE
	Min.thickness	mm	0.152
	Avg.thickness	mm	0.171
	Diameter	mm	0.99
	Color		Blue-White/Blue      Orange-White/Orange 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
