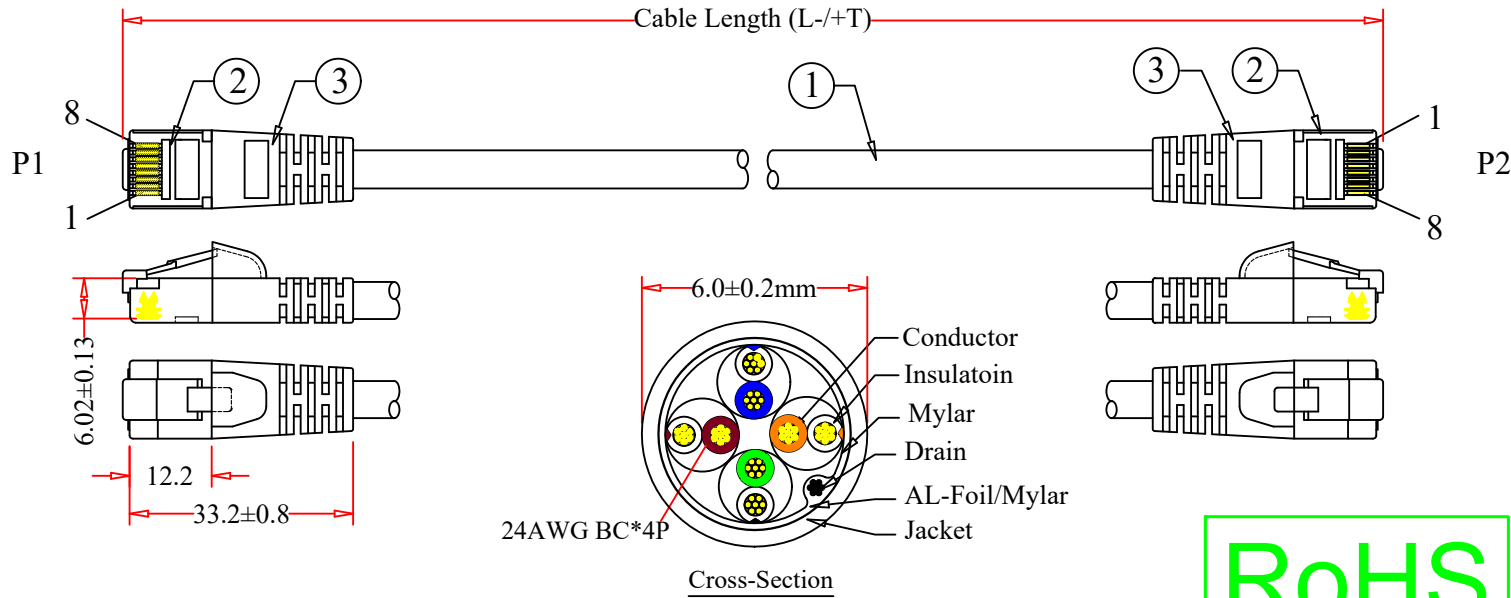


REV.	DESCRIPTION	DATE
A		04-2106



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

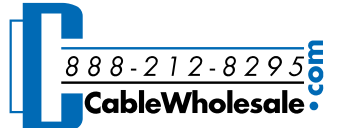
RoHS

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
Shell	Drain	Shell

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, Pin 30u" gold Plated, Nickel Plated Steel Shell
1	CAT5e FTP, 24AWG BCx4P, Stranded, ETL Verified, UL/CSA approved, OD: 6.0±0.2mm
NO.	SPECIFICATIONS
BOM LIST	

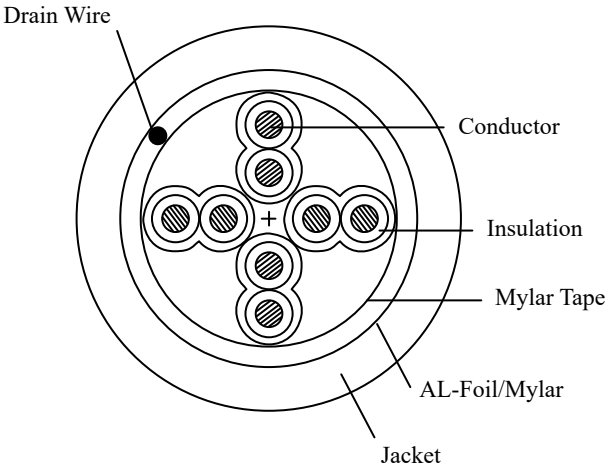
ITEM NUMBER	10X6-5xxxx		DRAWER	JL
TITLE	Shielded Cat5e Ethernet Cable Snagless/Molded Boot		CHECKED	
MATERIAL	SCALE		APPROVED	
REV.	A	UNIT	MM	
DRAWING NO:				
ID(NO.)	124			

**Construction & Material:**

Item		Unit	Specification
Product			CAT-5e STP 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
Taping	Material		Mylar
	Size	mm	0.025 x 25
	Lay Length	%	Overlap 25
	Type		Lengthways Wrapped
Drain Wire	Material		Stranded Tinned Copper
	Construction	pcs/mm	7/0.20
Shielding	Material		AL-Foil/Mylar
	Size	mm	0.030 x 17
	Lay Length	%	Overlap 25
Jacket	Material		PVC
	Min. thickness	mm	0.45
	Avg. thickness		0.55
	Overall Diameter	mm	6.00 +/- 0.20
	Color		By Order
Marking	TYPE CM 75°C (UL) E305668 24 AWG CSA LL81295 CMG 75°C FT4 ETL VERIFIED TIA/EIA-568-B.2 CAT5e Shielded Patch Cable		

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

Cross Section:



DRAWER	JL
CHECKED	
APPROVED	

Black Cable: White Marking  
Other Cable: Black Marking

**COLORS:**

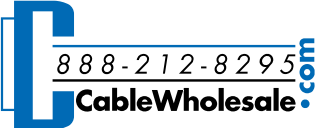
Gray, Purple, Red, Yellow  
Gray, Black, Blue

**PART NUMBER:**

10X6-5xxxx

**TITLE**

Shielded Cat5e Ethernet Cable  
Snagless/Molded Boot



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	
APPROVED	
