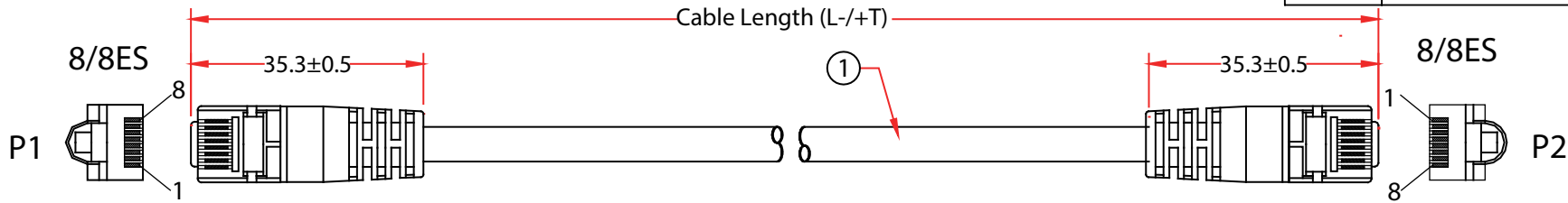
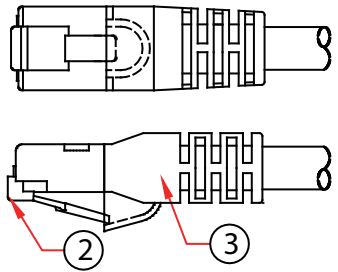


Rev.	Description	Date
B		04-2020

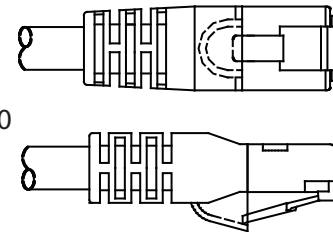


RoHS



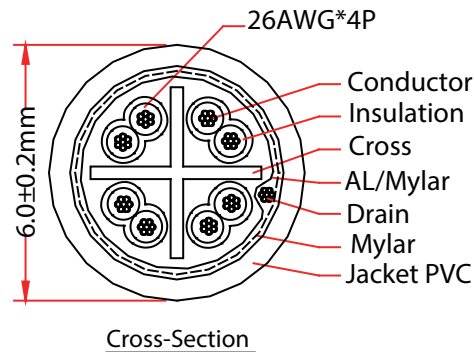
**Marking:**

(UL) Exxxxxx TYPE CM 26AWG 75°C CSA  
 xxxxxx CM 75°C VERIFIED TIA/EIA-568-C.2 -10  
 STP CAT.6A RoHS COMPLIANCE BATCH NO.



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

No.	Specifications
3	PVC Molded Hood Boot
2	RJ45 P8PC Plug, Gold Plating 50u" on Contacts, Triplex
1	CAT.6a STP 26AWG, Stranded, ETL Verified, UL/CSA Approved, OD:6.2mm, Jacket PVC

Item Number:	13X6-5xxxx	
Title:	Shielded Cat6a Ethernet Patch Cable, Snagless/Molded Boot, 500 MHz	
Drawn by:	JL	
Approved by:	MAC	
ID:	156	

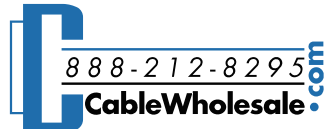
## 25ft Electrical Property :

Item	Unit	Specification	Standard			
D-C Conductor Resistance	Ohms/100M	AT 20°C	Max 9.38			
D-C Resistance Unbalance	%	-----	Max.5			
Capacitance Unbalance	pF/100 M	-----	Max.330			
Characteristic Impedance 1.0-100.0 MHz	Ohms/100M	-----	100 ± 15			
Temperature Rating	°C	-----	-10/+75			
Dielectric Withstand	AV/2 Sec.	1500V	No Breakdown			
Frequency	Attenuation	Return Loss	NEXT Pair-Pair	NEXT Power Sum	ELFEXT Pair-Pair	ELFEXT Power Sum
MHz	dB(100m)	dB	dB	dB	dB	dB
1	2.4	20.0	74.3	72.3	67.8	64.8
10	7.1	25.0	59.3	57.3	47.8	44.8
31.25	12.8	23.3	51.9	49.9	37.9	34.9
62.5	18.5	20.7	47.4	45.4	31.9	28.8
100	23.8	19.0	44.3	42.3	27.8	24.8
125	26.8	18.2	42.8	40.8	25.9	22.9
200	34.8	16.4	39.8	37.8	21.7	18.8
250	39.4	15.6	38.3	36.3	19.8	16.8
300	42.5	14.2	37.1	35.5	17.2	15.1
400	48.3	12.8	33.2	34.2	15.1	13.5
500	50.1	11.5	31.5	32.4	12.7	10.5

Rev.	Description	Date
B		04-2020

RoHS

PAGE: 2 of 2

Item Number:	13X6-5xxxx	
Title:	Shielded Cat6a Ethernet Patch Cable, Snagless/Molded Boot, 500 MHz	
Drawn by:	JL	
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ID:	156	

No.	Specifications
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