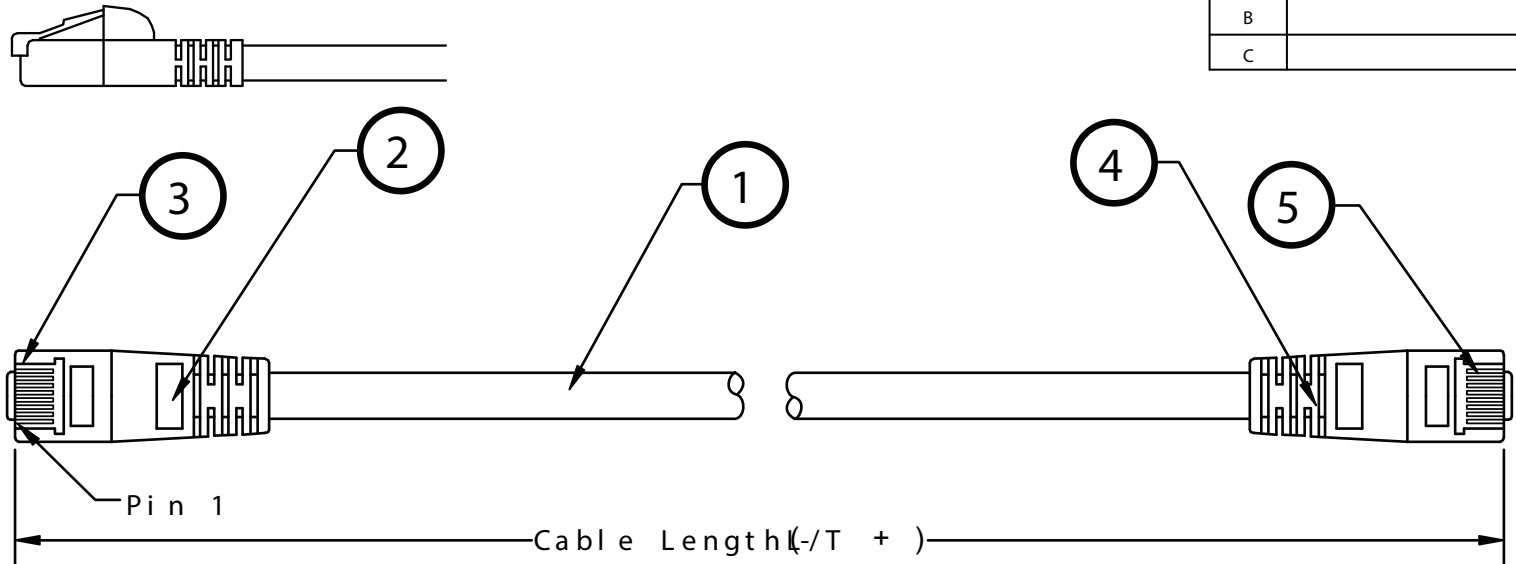


REV.	DESCRIPTION	DATE
B		02-2006
C		02-2014



PART NO.	CABLE LENGTH	
	L	-/T+ (mm)
10X8-0xx005	0.5 ft	-10/30+
10X8-0xx01	1 ft	-10/30+
10X8-0xx015	1.5 ft	-10/30+
10X8-0xx02	2 ft	-10/30+
10X8-0xx03	3 ft	-10/30+
10X8-0xx04	4 ft	-15/50+
10X8-0xx05	5 ft	-15/50+
10X8-0xx06	6 ft	-15/50+
10X8-0xx07	7 ft	-15/50+
10X8-0xx10	10 ft	-15/50+
10X8-0xx12	12 ft	-15/50+
10X8-0xx14	14 ft	-20/50+
10X8-0xx15	15 ft	-20/50+
10X8-0xx20	20 ft	-30/60+
10X8-0xx25	25 ft	-35/75+
10X8-0xx30	30 ft	-45/0+9
10X8-0xx35	35 ft	-50/100
10X8-0xx50	50 ft	-75/150
10X8-0xx75	75 ft	-100/200
10X8-0xxHD	100 ft	-150/300

Pin Assignment		
RJ45 Male		RJ45 Male
1	—	1
2	—	2
3	—	3
6	—	6
4	—	4
5	—	5
7	—	7
8	—	8

Color Options
 Gray, Black,
 Green, Purple,
 Orange, Blue,
 Red, Pink,
 Yellow and White

Complies to ANSI/TIA-568-C.2 Standard

5	RJ45 Plug, w/30u Gold Plating Contacts
4	PVC Molded Hood
3	RJ45 Plug, w/30u Gold Plating Contacts
2	PVC Molded Hood
1	UTP, 24AWG, 4 Twisted Pairs, Stranded Bare Copper, UL ETL, EIA/TIA-568B Verified Category 6, Short Body Connectors
NO.	SPECIFICATIONS
	BOM LIST

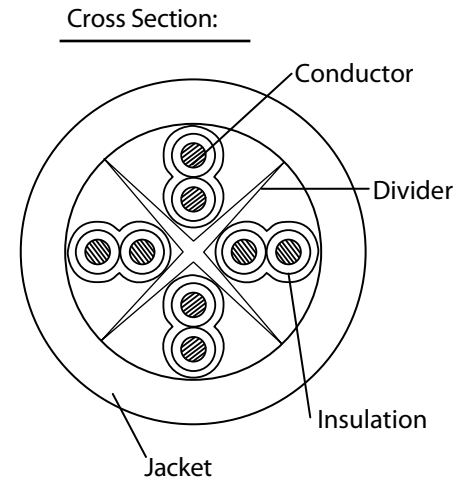
ITEM NUMBER	10X8-0xxxx		DRAWER	JL
TITLE	CAT-6, 250 MHz UTP, Molded w/ Boot, Network Cable.		CHECKED	MAC
MATERIAL	SCALE		APPROVED	MAC
REV.	A	UNIT	INCH	
DRAWING NO:				
			 888-212-8295	

Product Specifications

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

Construction & Material :

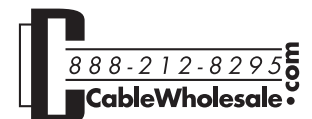
Item		Unit	Specification
Product			CAT-6 UTP 4P
Conductor	Size	AWG	24
	Number	Pairs	4
	Material		Stranded Bare Copper
	Construction	pcs / mm	7/0.203
	Diameter	mm	0.609
Insulation	Material		HD-PE
	Min.thickness	mm	0.152
	Avg.thickness	mm	0.171
	Diameter	mm	0.99
	Color		Blue-White/Blue Orange-White/Orange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