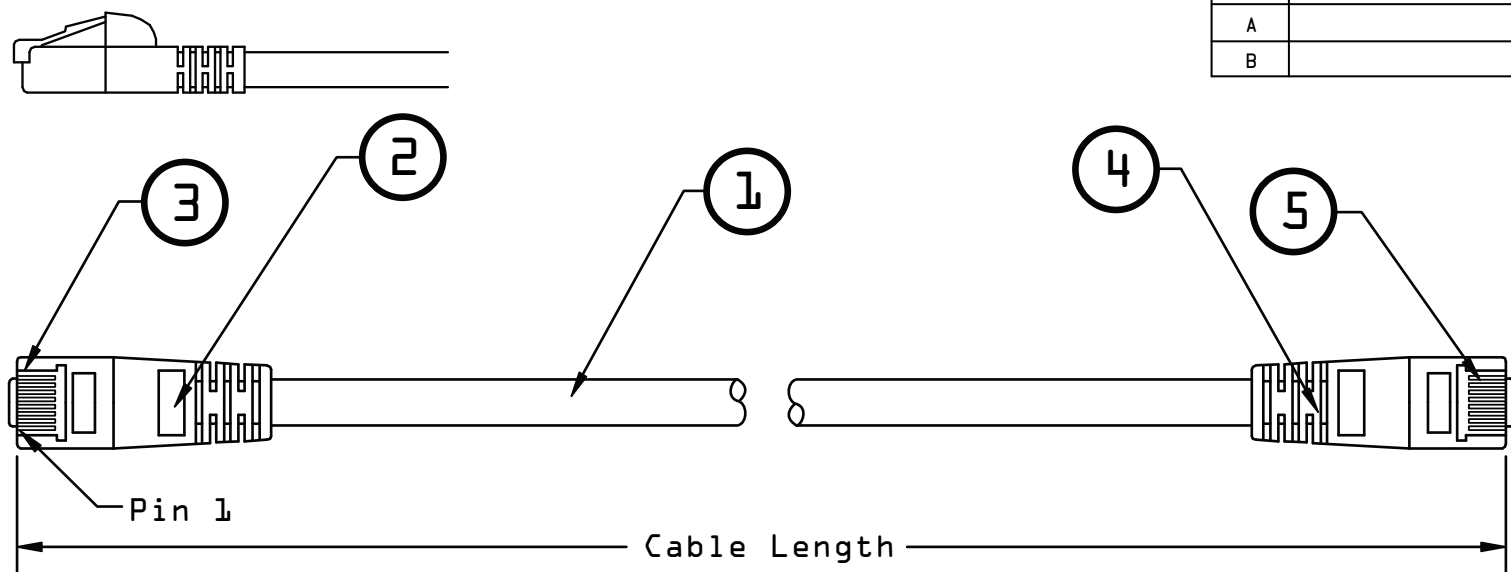


REV.	DESCRIPTION	DATE
A		
B		02-2006



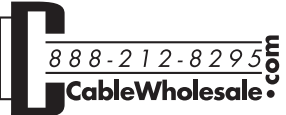


PART NO.	CABLE LENGTH
10X8-0xx01	1 ft
10X8-0xx02	2 ft
10X8-0xx03	3 ft
10X8-0xx05	5 ft
10X8-0xx07	7 ft
10X8-0xx10	10 ft
10X8-0xx14	14 ft
10X8-0xx15	15 ft
10X8-0xx25	25 ft
10X8-0xx35	35 ft
10X8-0xx50	50 ft
10X8-0xx75	75 ft
10X8-0xxHD	100 ft

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

NO.	SPECIFICATIONS
5	RJ45 Plug, w/50u Gold Plating Contacts
4	PVC Molded Hood
3	RJ45 Plug, w/50u 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
BOM LIST	

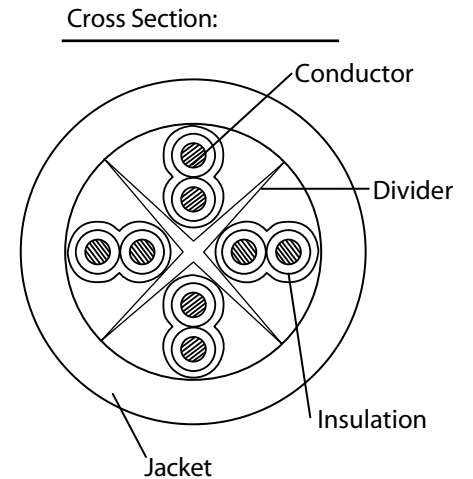
ITEM NUMBER	10X8-0xxxx	DRAWER	MPD
TITLE	CAT-6, 500MHz UTP, Molded w/Boot, Network Cable.	CHECKED	MAC
MATERIAL	SCALE	APPROVED	MAC
REV.	A UNIT	INCH	 
DRAWING NO:			

# Product Specifications

REV.	DESCRIPTION	DATE
A		
B		20-2006

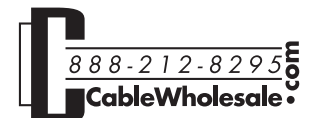
## Construction & Material :

Item		Unit	Specification
Product			CAT-6 UTP 4P
Conductor	Size	AWG	24
	Number	Pairs	4
	Material		Stranded Bare Copper
	Construction	pcs / mm	7/0.206
	Diameter	mm	0.60
Insulation	Material		HD-PE
	Min.thickness	mm	0.156
	Avg.thickness	mm	0.175
	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
Jacket	Material		PVC
	Min.thickness	mm	0.45
	Avg.thickness		0.55
	Overall Diameter	mm	6.20±0.20
	Color		By Order
Black Marking	TYPE CM 24AWG 60 (UL) E188630 CSA LL81295 CMG, ETL VERIFIED TIA/EIA-568-B. CAT-6 UTP Patch Cable UTP		



DRAWER	MPD
CHECKED	MAC
APPROVED	MAC

COLORS:	PART NUMBER:	TITLE:
Gray, Black, Orange, Purple, Green, Blue, Red, Pink, Yellow, White	10X8-0xxSH	CAT-6 UTP, 24AWG, Stranded



Electrical Property :

REV.	DESCRIPTION	DATE
A		
B		02-2006

Item		Unit	Specification			Standard		
D-C Resistance		Ω/100M	AT 20			DC Max.9.3Ω		
D-C Resistance Unbalance		%	-----			Max.5		
Capacitance Unbalance		pF/100M	-----			Max.330		
Characteristic Impedance 1.0-100.0MHz		Ω/100M	-----			100 ± 15		
Dielectric Withstand		VAC/1MIN	700			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)	Propagation Delay ns/100m	
1	2.4	65.3	62.3	63.8	60.8	20.0	570.00	
10	7.8	50.3	47.3	43.8	40.8	25.0	545.4	
16	9.9	47.3	44.4	39.7	36.7	25.0	540.4	
20	11.1	45.8	42.8	37.7	34.7	25.0	538.6	
25	12.5	44.4	41.3	35.8	32.8	24.2	537.6	
31.25	14.1	42.9	39.9	33.9	30.9	23.3	536.9	
62.5	20.4	38.4	35.4	27.8	24.8	20.7	536.5	
100	26.4	35.3	32.3	23.8	20.8	19.0	536.3	

DRAWER	MPD
CHECKED	MAC
APPROVED	MAC
