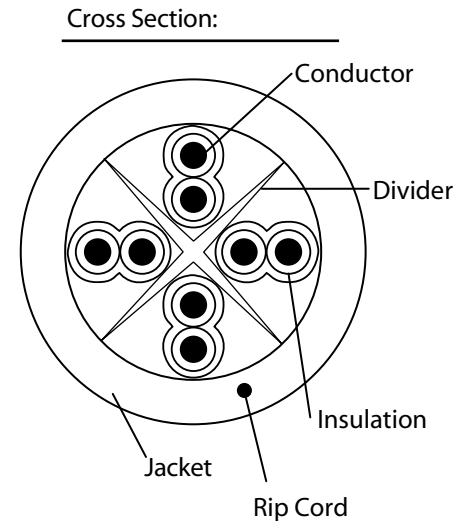


Product Specifications

REV.	DESCRIPTION	DATE
A		
B		05-2009

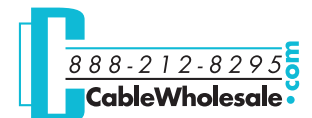
Construction & Material :

Item		Unit	Specification
Product			CAT-6 UTP 4P
Conductor	Size	AWG	23
	Number	Pairs	4
	Material		Solid Bare Copper
	Construction	pcs / mm	1/0.575
	Diameter	mm	0.575
Insulation	Material		TEFLON
	Min.thickness	mm	0.20
	Avg.thickness	mm	0.25
	Diameter	mm	1.08
	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		LS-PVC
	Min.thickness		0.45
	Avg.thickness	mm	0.50
	Overall Diameter	mm	6.20±0.20
	Color		By Order
Black Marking	VERTICAL E312655 (UL) CMP FT6 UTP 4PR 23AWG 550MHz ETL VERIFIED CAT6 TIA/EIA-568B.2-1(VID:H1) XXXXFT		



DRAWER	LIBRA
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COLORS:	PART NUMBER:	TITLE:
Gray, Black, Orange, Purple, Green, Blue, Red, Pink, Yellow, White	11X8-0xxTH	CAT-6 UTP, 23AWG, Solid

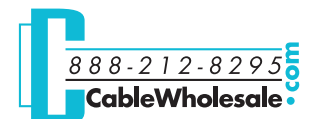


Electrical Property :

REV.	DESCRIPTION	DATE
A		
B		05-2009

Item		Unit	Specification			Standard		
D-C Resistance		0/100M	AT 20			DC Max.9.38		
D-C Resistance Unbalance		%	-----			Max.5		
Capacitance Unbalance		pF/100M	-----			Max.330		
Characteristic Impedance 1.0~100.0MHz		0/100M	-----			100±5		
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	2.0	74.3	72.3	67.8	64.8	20.0	570.00	
10	6.0	59.3	57.3	47.8	44.8	25.0	545.4	
31.25	9.6	51.9	49.9	37.9	34.9	23.7	540.4	
62.5	10.8	47.4	45.4	31.9	28.8	21.6	538.6	
100	15.7	44.3	42.3	27.8	24.8	20.2	537.6	
155	20.2	41.5	39.5	23.9	20.9	18.8	536.9	
200	29.8	39.8	37.8	21.7	18.7	18.0	536.5	
250	33.8	38.3	36.3	19.8	16.8	17.4	536.3	

DRAWER	LIBRA
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Electrical Property :

REV.	DESCRIPTION	DATE
A		
B		05-2009

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
300	36.4	37.1	35.1	----	----	16.8	536.3
400	43.0	35.3	33.3	----	----	15.9	536.1
500	48.9	33.8	31.8	----	----	15.2	536.0
550	51.8	33.2	31.2	----	----	14.9	536.0

DRAWER	LIBRA
CHECKED	
APPROVED	
