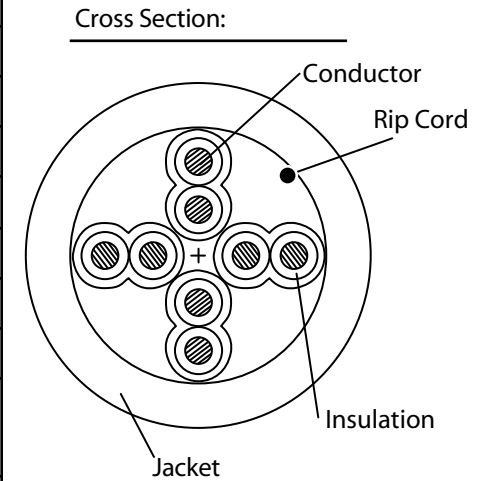


# Product Specifications

REV.	DESCRIPTION	DATE
A		
B		02-2006

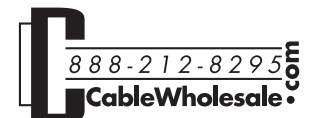
## Construction & Material :

Item		Unit	Specification
Product			CAT-5 E UTP 4P
Conductor	Size	AWG	24
	Number	Pairs	4
	Material		Stranded Bare Copper
	Construction	pcs / mm	7/0.20
	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	5.70 0.20
	Color		By Order
Black Marking	TYPE CM 24AWG 60 (UL) E188630 CSA LL81295 CMG, ETL VERIFIED TIA/EIA-568-B. CAT-5 E UTP Patch Cable, 80 C		



DRAWER	MPD
CHECKED	MAC
APPROVED	MAC

COLORS:	PART NUMBER:	TITLE:
Gray, Black, Orange, Purple, Green, Blue, Red, Pink, Yellow, White	10X6-0xxSH	CAT-5 E 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)	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	MPD
CHECKED	MAC
APPROVED	MAC
