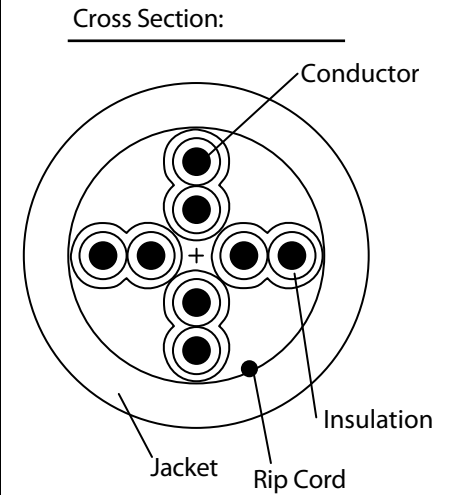


Product Specifications

REV.	DESCRIPTION	DATE
A		
B		06-2010

Construction & Material :

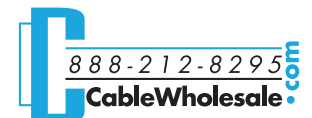
Item		Unit	Specification
Product			CAT-5E UTP 4P CMP Rated
Conductor	Size	AWG	24
	Number	Pairs	4
	Material		Solid Bare Copper
	Construction	pcs / mm	1/0.52
	Diameter	mm	0.52
Insulation	Material		FEP
	Min.thickness	mm	0.18
	Avg.thickness	mm	0.20
	Diameter	mm	0.92
	Color		Blue-White/Blue Orange-White/Orange Green-White/Green Brown-White/Brown
Twisting	Construction		See Cross Section
Cabling	Construction		See Cross Section
Jacket	Material		FR-PVC
	Min.thickness	mm	0.38
	Avg.thickness		0.42
	Overall Diameter	mm	5.30 ± 0.20
	Color		By Order



RoHS

DRAWER	LIBRA
CHECKED	
APPROVED	



COLOR OPTIONS:	PART NUMBER:	TITLE:
Black,Blue,Gray, Green,Red, White, Yellow	11X6-0xxTH	CAT-5E UTP, 24AWG, Solid, CMP Rated, 140 degree rating

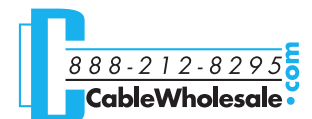


Electrical Property :

REV.	DESCRIPTION	DATE
A		
B		06-2010

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 ± 15	
Dielectric Withstand		VAC/1MIN	700	No Breakdown	
Frequency MHz	Attenuation dB/100m	NEXT Pair-Pair (dB)	NEXT Power Sum (dB)	Structural Return Loss (dB)	ACR
1	2.0	62.0	59.0	23.0	----
4	4.1	54.0	51.0	23.0	----
10	6.5	47.0	44.0	23.0	----
16	8.2	44.0	41.0	23.0	----
20	9.3	42.0	39.0	23.0	----
31.25	11.7	39.0	36.0	21.0	----
62.5	17.0	35.0	32.0	18.0	----
100	22.0	32.0	29.0	16.0	10.0

DRAWER	LIBRA
CHECKED	
APPROVED	
	



Electrical Property :

REV.	DESCRIPTION	DATE
A		
B		06-2010

Frequency MHz	Attenuation dB/100m	NEXT Pair-Pair (dB)	NEXT Power Sum (dB)	Structural Return Loss (dB)	ACR
155	28.1	29.5	26.5	14.0	2.0
200	32.4	27.8	24.8	13.0	----
300	41.0	25.2	22.2	11.0	----
350	44.9	24.2	21.2	11.0	----

DRAWER	LIBRA
CHECKED	
APPROVED	
