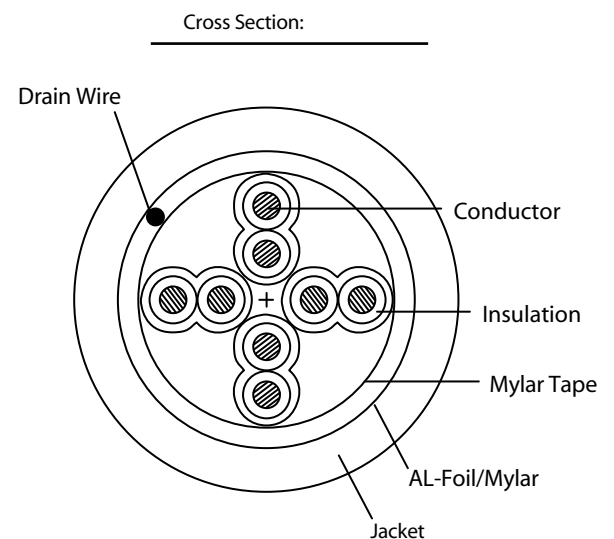


Construction & Material :

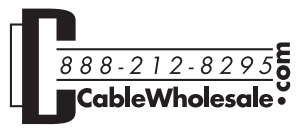
Item	Unit	Specification
Product		CAT-5 E STP 4P
Conductor	Size	AWG 24
	Number	Pairs 4
	Material	Stranded Bare Copper
	Construction	pcs / mm 7/0.196
	Diameter	mm 0.588
Insulation	Material	HD-PE
	Min.thickness	mm 0.161
	Avg.thickness	mm 0.181
	Diameter	mm 0.99
	Color	Blue-White/Blue Orange-White/Orange Green-White/Green Brown-White/Brown
Twisting	Construction	See Cross Section
Cabling	Construction	See Cross Section
Taping	Material	Mylar
	Size	mm 0.025 x 25
	Lay Length	% Overlap 25
	Type	Lengthways Wrapped
Drain Wire	Material	Stranded Tinned Copper
	Construction	pcs / mm 7/0.20
Shielding	Material	AL-Foil / Mylar
	Size	mm 0.030 x 17
	Lay Length	% Overlap 25
Jacket	Material	PVC
	Min.thickness	mm 0.45
	Avg.thickness	0.55
	Overall Diameter	mm 6.00±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 CAT.5e Shielded Patch Cable	

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



DRAWER	JL
CHECKED	MAC
APPROVED	MAC

Black Cable : White Marking Other Cable : Black Marking	COLORS:	PART NUMBER:	TITLE:
	Gray, Purple, Red, Yellow, White, Blue, Black	10X6-5xxSH	CAT-5 E STP, 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		AV/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)	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	JL
CHECKED	MAC
APPROVED	MAC
