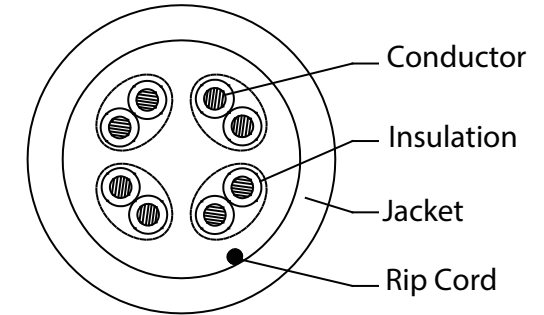


Construction & Material :

Item	Unit	Specification
Product		CAT.5e UTP 4P CM Rated
Conductor	Size	AWG 24
	Number	pairs 4
	Material	Solid Annealed Bare Copper
	Construction	pcs/mm 1/0.50
	Diameter	mm 0.50
Insulation	Material	HD-PE
	Min.thickness	mm 0.18
	Avg.thickness	mm 0.19
	Diameter	mm 0.90±0.05
	Color	Blue-White/Blue Orange-White/Orange Green-White/Green Brown-White/Brown
Twisting	Construction	See Cross Section
Cabling	Rip Cord	Rip Cord
	Material	PVC
	Min.thickness	mm 0.42
	Avg.thickness	mm 0.45
	Overall Diameter	mm 5.00±0.20
	Color	By Order
Marking	TYPE CM 75 °C (UL) E188630 24AWG CSA LL81259 CMG 75°C FT4 ETL VERIFIED ANSI/TIA-568-C.2 CAT.5E UTP XXXXMMDDOOO XXXXFT XXXXMMDD/DATA CODE(Eg:20181119) OOO/PN(Eg:001)	

Rev.	Description	Date
A		04-2019



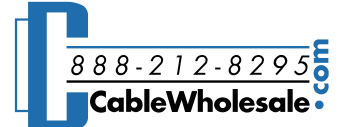
Cross Section

Color Options

- 21 Gray
- 22 Black
- 31 Orange
- 41 Purple
- 51 Green
- 61 Blue
- 71 Red
- 72 Pink
- 81 Yellow
- 91 White
- 92 Ivory

PART NO	LINGTH
10X6-0xxTF	500FT
10X6-0xxTH	1000FT



Item Number:	10X6-0xxTF&TH	
Title:	Bulk CAT.5e 24AWG Ethernet Cable, Solid, UTP (Unshielded Twisted Pair), Pullbox	
Drawn by:	JL	
Approved by:	MAC	
ID:	85	

No.	Specifications
-----	----------------

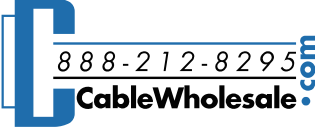
Rev.	Description	Date
A		04-2019

Electrical Property :

Item	Unit	Specification	Standard					
D-C Conductor Resistance	Ohms/100M	AT 20°C	Max 9.38					
D-C Resistance Unbalance	%	-----	Max.5					
Capacitance Unbalance	pF/100 M	-----	Max.330					
Characteristic Impedance 1.0-100.0 MHz	Ohms/100M	-----	100 ± 15					
Temperature Rating	°C	-----	75°C					
Dielectric Strength	/	/	AC 1.5kv / 2sec					
Frequency	Attenuation	Return Loss	NEXT	PS-NEXT	ACRF	PS-ACRF	Propagation Delay	Delay Skew
MHz	dB(100m)	dB	dB	dB	dB	dB	ns	ns
	Maximum	Minimum	Minimum	Minimum	Minimum	Minimum	Maximum	Maximum
1.0	2.0	20.0	65.3	62.3	63.8	60.8	570.0	45.0
4.0	4.0	23.0	56.3	53.3	51.7	48.7	552.0	
8.0	5.8	24.5	51.8	48.8	45.7	42.7	546.7	
10.0	6.5	25.0	50.3	47.3	43.8	40.8	545.4	
16.0	8.2	25.0	47.3	44.3	39.7	36.7	543.0	
20.0	9.3	25.0	45.8	42.8	37.7	34.7	542.0	
25.0	10.4	24.3	44.3	41.3	35.8	32.8	541.2	
31.25	11.7	23.6	42.9	39.9	33.9	30.9	540.4	
62.5	17.0	21.5	38.4	35.4	27.8	24.8	538.6	
100	22.0	20.1	35.3	32.3	23.8	20.8	537.6	



PART NO	LINGTH
10X6-0xxTF	500FT
10X6-0xxTH	1000FT

Item Number:	10X6-0xxTF&TH	
Title:	Bulk CAT.5e 24AWG Ethernet Cable, Solid, UTP (Unshielded Twisted Pair), Pullbox	
Drawn by:	JL	
Approved by:	MAC	
ID:	85	

No.	Specifications
-----	----------------