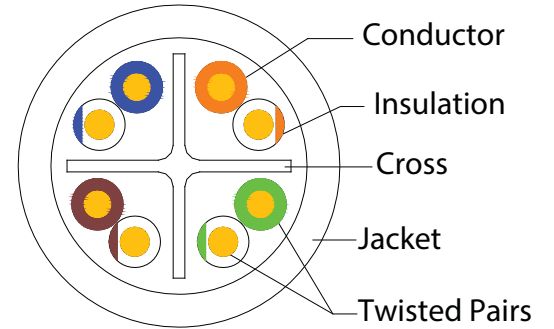


Product Specifications

Construction & Material :

Item	Unit	Specification
Product		CAT-6A UTP 4P
Conductor	Size	AWG 24
	Number	pairs 4
	Material	Stranded Bare Copper
	Construction	pcs/mm 7/0.18
Insulation	Material	PE
	Min.thickness	mm 0.19
	Avg.thickness	mm 0.21
	Diameter	mm (0.945 / 0.975)±0.005
	Color	Blue-White/Blue Orange-White/Orange Green-White/Green Brown-White/Brown
Twisting	Construction	See Cross Section
Cross	Material	PE
Cabling	Construction	See Cross Section
Jacket	Material	PVC
	Min.thickness	0.55
	Avg.thickness	mm 0.65
	Overall Diameter	mm 5.80±0.20
	Color	By Order
Marking	TYPE CM 75°C (UL)Exxxxxx LAN CABLE CAT6A UTP STRANDED 24AWG 4PAIRS ANSI/TIA-568-C.2 0002FT...0004FT...0250FT...0500FT...1000FT	

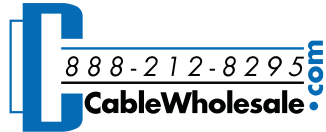
Rev.	Description	Date
A		06-2018



Color Options

21 Gray
22 Black
61 Blue

RoHS

Item Number:	13X6-0xxMH	
Title:	Bulk Cat6a Ethernet Cable, 10 gig Stranded, UTP (Unshielded Twisted Pair), 500Mhz,24 AWG, Pullbox, 1000 foot	
Drawn by:	JL	
Approved by:	MAC	
ID:	280	

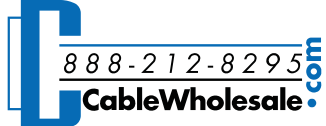
2	
1	
No.	Specifications

Electrical Property :

Rev.	Description	Date
A		06-2018

Item			Unit				Standard		
D-C Conductor Resistance @20°C			Ohms/100M				9.38		
D-C Resistance Unbalance @20°C			%				≤ 2		
Mutual Capacitance			nF/100 Meters				≤ 5.6		
Capacitance Unbalance			pF/100 Meters				≤ 330		
Characteristic Impedance			100MHz				100 ± 5 Ohm		
Temperature Rating			°C				-10~+75		
Frequency	Return Loss	Insertion Loss (Solid)	NEXT	PS-NEXT	ACRF	PS-ACRF	Prop.Delay	PS NEXT	
1	20.0	2.1	74.3	72.3	67.8	64.8	570	67.0	
4	23.0	3.8	65.3	63.3	55.8	52.8	552	67.0	
8	24.5	5.6	60.8	58.8	49.7	46.7	547	67.0	
10	25.0	5.9	59.3	57.3	47.8	44.8	545	67.0	
16	25.0	7.5	56.2	54.2	43.7	40.7	543	67.0	
20	25.0	8.4	54.8	52.8	41.8	38.8	542	67.0	
25	24.3	9.4	53.3	51.3	39.8	36.8	541	67.0	
31.25	23.6	10.5	51.9	49.9	37.9	34.9	540	67.0	
62.5	21.5	15.0	47.4	45.4	37.9	28.9	539	65.6	
100	20.1	19.1	44.3	42.3	27.8	24.8	538	62.5	
200	18.0	27.6	39.8	37.8	21.8	18.8	538	58.0	
250	17.3	31.1	38.3	36.3	19.8	16.8	536	56.5	
300	16.8	34.3	37.1	35.1	18.3	15.3	536	55.3	
400	15.9	40.1	35.3	33.3	15.8	12.8	536	53.5	
500	15.2	45.3	33.8	31.8	13.8	10.8	536	52.0	



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No.	Specifications