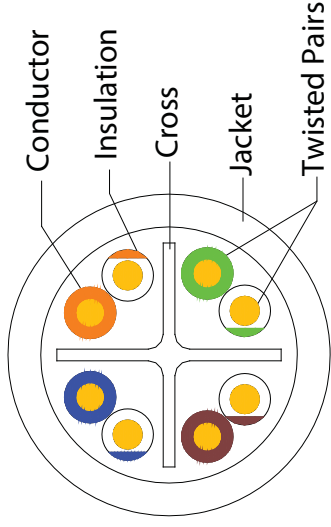


## Product Specifications

Construction & Material :

Item	Unit	Specification
Product		CAT-6A UTP 4P
Size	AWG	24
Number	pairs	4
Material		Stranded Bare Copper
Construction	pcs/mm	7/0.18
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		See Cross Section
Cross		PE
Cabling		See Cross Section
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



### Color Options

21 Gray  
61 Blue

**ROHS**

Rev.  
A

Description

Date

06-2018

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



888-212-8295  
CableWholesale

Specifications

2

1

No.

Rev.	Description	Date
A		06-2018

Electrical Property :

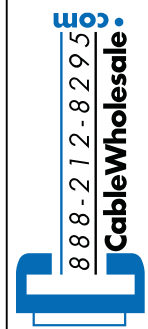
Item	Unit	Standard
D-C Conductor Resistance @20°C	Ohms/100M	9.38
D-C Resistance Unbalance @20°C	%	≤ 2
Mutual Capacitance	nF/100 Meters	≤ 5.6
Capacitance Unbalance	pF/100 Meters	≤ 330
Characteristic Impedance	100MHz	100 ± 5 Ohm
Temperature Rating	°C	-10~+75

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



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



No.	2	
No.	1	
No.		Specifications