

CAT6A/UTP

CABLEMASTER (AUST)

Distributed exclusively by : Skandia
131 Wedgewood road Hallam 3803
1300 788 466

Revision History

Revision No : AZ-129-3	Price NO:
Prepared by: CXY	Date: 2015/6/29
Approved by:	Page: 1 of 1

Product Code: **CAT6A/UTP**

Product Description

Application:

1000 Mbps/s Networks;
Assembled for patch cord;

Reference Standard

IEC61156-6; TIA 568-C.2;
EN50288; ISO/IEC 11801:2011

Multi-construction

4 Pair

Cable Construction

1.Conductor Bare Copper

Construction (mm) 0.57±0.01

2.Insulation HDPE

Insulation Dia.(mm) 1.11±0.10×2C Twist

Each Pair is Twisted ,Unshielded.

3.Filler Cross Member

4.Mylar Spiral >=125%

5.Non-conducting Al-Pet Wrap >=125%

6.Jacket CMR PVC

Dia.(mm) 7.40±0.20

Jacket Color **Blue(RAL5015)**

Color

Insulation color are:

Blue, White/Blue	Orange, White/Orange
Green, White/Green	Brown, White/Brown

Marking(Black Ink,once per mete)

DD/MM/YY CABLEMASTER built for speed UTP CAT6A CMR TIA

568-C.2 IEC 11801:2011 305M...001M

Production date=DD/MM/YY

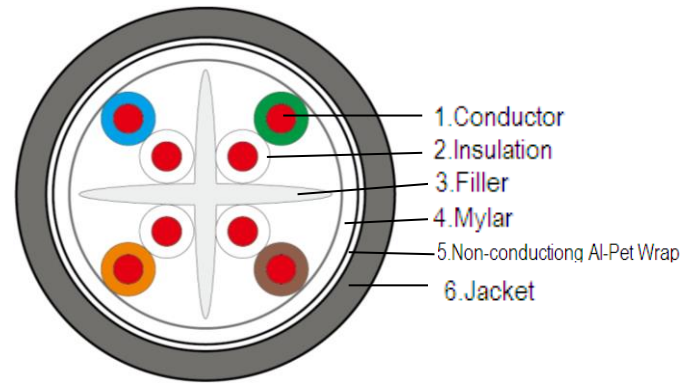
Packaging

305M/Wooden Durm

Label

CABLEMASTER Commercial U/UTP
CAT 6A CMR PVC Blue
RoHS2(2011/65/EU)
305M

Design



Electrical Characteristics

Performance

Frequency (MHz)	Attenuation (dB)	NEXT (dB)	PSNEXT (dB)	Return Loss (dB)
4.00	3.80	66.30	63.30	23.00
10.00	5.90	60.30	57.30	25.00
16.00	7.50	57.20	54.20	25.00
31.25	10.50	52.90	49.90	23.60
62.50	15.00	48.40	45.40	21.50
100.00	19.10	45.30	42.30	20.10
250.00	31.10	39.30	36.30	17.30
500.00	45.30	34.80	31.80	17.30

Frequency (MHz)	ELFEXT (dB)	PSELFEXT (dB)
4.00	56.00	53.00
10.00	48.00	45.00
16.00	43.90	40.90
31.25	38.10	35.10
62.50	32.10	29.10
100.00	28.00	25.00
250.00	20.00	17.00
500.00	14.00	11.00

Max.Conductor DC Resistance at 20°C (Ω/Km)	<83
Rated Temperature(°C)	60
Velocity ratio	76%
Impedance(Ω)	1-100MHz 100±15
	100-250MHz 100±20
	250-500MHz 100±25

