

UTP CAT 6 CM PVC

CABLEMASTER (AUST)

Distributed exclusively by : SKANDIA

131 Wedgewood road

1300 788466

Revision History

Part No:AZ-134-2	Price NO:
Prepared by:CXY	Date: 2016/5/30
Approved by:	Page: 1 of 1

Product Code:UTP CAT 6 CM PVC

Product Description

Application:

1000 Mbits/s Networks;VOIP; IP Camera; IP TV;

Reference Standard

ISO/IEC 11801: 2011; IEC61156-5:2009; UL444

EN50173; EN50288

Multi-construction

4 Pair

Cable Construction

1.Conductor	Bare Copper
Construction (mm)	0.52±0.01
2.Insulation	HDPE
Insulation Dia.(mm)	0.93±0.01×2C Twist
3.Filler	Cross Member
4.Jacket	CM PVC
Dia.(mm)	6.00±0.20
Jacket Color	Blue(RAL5015),Red(RAL3000) Green(RAL6017),Yellow(RAL1021) Grey(RAL7044)

Color

Insulation color are:

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

Marking

DDMMYY CABLEMASTER UTP CAT6 AS/ACIF S008:2006 001m..... 305m

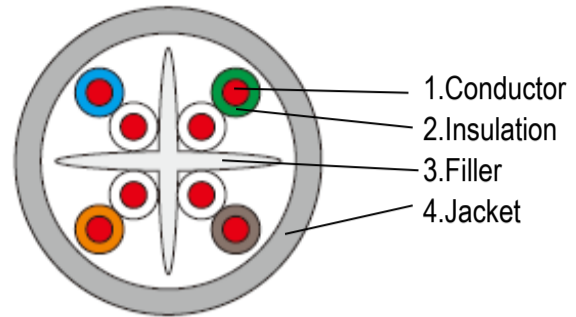
Production date=DDMMYY

Packaging

305M/Black/White Easy Box



Design



Electrical Characteristics

Performance

Frequency (MHz)	Attenuation (dB)	NEXT (dB)	RL (dB)	Return Loss (dB)
4.00	3.80	66.30	63.30	23.00
10.00	6.00	60.30	57.30	25.00
16.00	7.60	57.20	54.20	25.00
31.25	10.70	52.90	49.90	23.60
62.50	15.50	48.40	45.40	21.50
100.00	19.90	45.30	42.30	20.10
250.00	33.00	39.30	36.30	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

Max.Conductor DC Resistance at 20°C (Ω/Km) <97.6

Rated Temperature(°C) 70

Velocity ratio 70%

Impedance(Ω) 1-100MHz 100±15

100-250MHz 100±20

Fire Performance: CM