

UTP CAT 6 CMR PVC 23AWG

CABLEMASTER (AUST)

Distributed exclusively by SKANDIA

131 Wedgewood road

Hallam 3803

1300 788 466

Revision History

Part No: CAT6CMR	Price NO: AZ-154
Prepared by: CXY	Date: 2016/9/26
Approved by:	Page: 1 of 1

Product Code: UTP CAT 6 CMR PVC 23AWG

Product Description

Application:

Primary (Campus), Secondary (Riser), Tertiary (Horizontal)

IEEE 802.3an: 10Base-T; 100Base-TX; 1000Base-T

IEEE 802.5 16 MB; ISDN; TPDDI; ATM

IEEE 802.3af-2002: POE; IEEE 802.3at: POE+

Reference Standard

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

EN50173; EN50288; TIA-568-C.2:2009

Multi-construction

4 Pair

Cable Construction

1. Conductor	Bare Copper
Construction (mm)	0.54±0.01
2. Insulation	HDPE
Insulation Dia.(mm)	0.96±0.05×2C Twist
3. Filler	Cross Member
4. Jacket	CMR PVC
Dia.(mm)	5.60±0.20
Jacket Color	Blue(RAL5015)
Color	
Insulation color are:	
Blue, White/Blue	Orange, White/Orange
Green, White/Green	Brown, White/Brown

Marking(ink black, one per meter)

DD/MM/YY CABLEMASTER CAT6 UTP E334179 CMR RISER

UL444 TIA-568-C.2 001M.....305M

Production date=DDMMYY

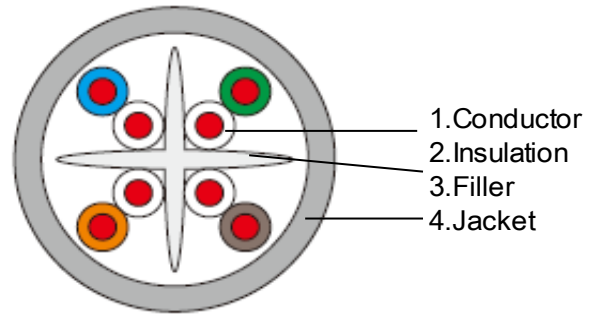
Packaging

305M/Plastic reel

Label

CABLEMASTER Commercial
UTP CAT 6 CMR PVC RISER
RoHS(2002/95/EC)
305M

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) <91.3

Rated Temperature(°C) 75

Velocity ratio 70%

Impedance(Ω) 1-100MHz 100±15

100-250MHz 100±20

Fire Performance: CMR

UL File No. E334179

UL Label

FILE No.:	E334179	STYLE:	CMR
AWG:	8×23AWG	MAX TEMP:	75°C
SER No.	INSULATION 8MILS PE		
	JACKET 20MILS PVC		
LENGTH:	1000FT	MFG DATE:	

