

F-UTP Cat 5E LSZH

CABLEMASTER (AUST)

Distributed exclusively by:

Skandia

131 Wedgewood road Hallam 3803

1300 788 466

Revision History

AZ-158	Price NO:
Prepared by:CXY	Date: 2017/7/27
Approved by:lyp	Page: 1 of 1

Product Code: **CAT5E/F-UTP**

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; IEC61156-5:20(ANSI/TIA-568-C.2

EN50173; EN50288

Multi-construction

4 Pair

Cable Construction

1.Conductor	Bare Copper
Construction	0.50±0.01
2.Insulation	HDPE
Insulation Dia.(mm)	0.95±0.08×2C Twist
Each Pair is Twisted ,Unshielded.	
3.Filler	Cotton rope
4.Total Mylar Spiral	>=115%
5.Drain wire	Tinned Copper
Construction (mm)	T0.40±0.008
6.Al-Pet Shielded	>=115%
7.Jacket	LSZH
Dia.(mm)	6.0±0.20
Jacket Color	Grey(RAL7044)
Insulation Color	
Blue, White/Blue	Orange, White/Orange
Green, White/Green	Brown, White/Brown

Marking(ink black,one per meter)

DDMMYY CABLEMASTER F/UTP CAT5E LSZH TIA 568-C.2 IEC

11801:2011 305M.....001M

Production date=DDMMYY

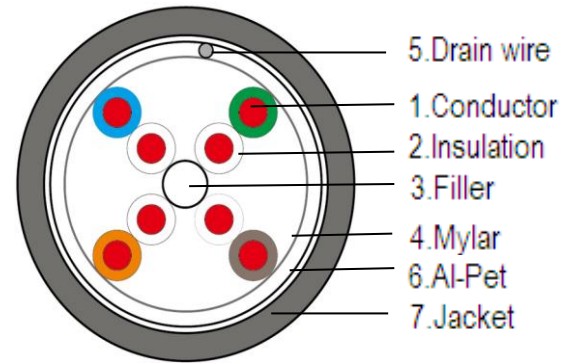
Packaging

305M/Wooden reel

Label

CABLEMASTER Commercial F/UTP
CAT5E LSZH
RoHS(2002/95/EC)
305M

Design



Electrical Characteristics

Performance

Frequency (MHz)	Attenuation (dB/100m)	NEXT (dB)	PSNEXT (dB)	Return Loss (dB)
4.00	4.10	56.30	53.30	23.00
10.00	6.50	50.30	47.30	25.00
16.00	8.30	47.20	44.20	25.00
31.25	11.70	42.90	39.90	23.60
62.50	17.00	38.40	35.40	21.50
100.00	22.00	35.30	32.30	20.10

Frequency (MHz)	ELFEXT (dB/100m)	PSELFEXT (dB/100m)
4.00	52.00	49.00
10.00	44.00	41.00
16.00	39.90	36.90
31.25	34.10	31.10
62.50	28.10	25.10
100.00	24.00	21.00

Max.Conductor DC Resistance at 20°C (Ω/Km)	<104.8
Rated Temperature(°C)	60
Velocity ratio	69%
Impedance(Ω)	1-100MHz 100±15

Fire Performance: IEC60332-1

Smoke Density: IEC61034

Halogen Free: IEC60754

