

CAT7SFTP

CABLEMASTER (AUST)

Distributed by : SKANDIA
 131 Wedgewood road Hallam 3803
 1300 788 466

Revision History

Part No:AZ-161-3	Price NO:
Prepared by:CXY	Date: 2018/2/6
Approved by:	Page: 1 of 1

Product Code: **CAT7SFTP**

Product Description

Application:

Primary (Campus), Secondary (Riser), Tertiary (Horizontal)
 IEEE 802.3an: 10Base-T; 100Base-TX; 1000Base-T; 10GBase-T
 IEEE 802.3 10 Mb, 100M, 1000M, 10G, ATM

Reference Standard

ISO/IEC 11801: 2011; IEC61156-5:2009;
 EN50173; EN50288

Multi-construction

4 Pair

Cable Construction

1. Conductor	Bare Copper
Conductor Dia.	0.56±0.01
2. Insulation	Skin-Foam PE-Skin
Insulation Dia.(mm)	1.33±0.10x2C Twist
3. Al-Pet Shield (on each pair)	≥115%
4. Braiding Shield	Tinned Copper Claded Aluminium
Construction (mm)	TCCA0.12±0.008×8×6
Coverage	30±5%
5. Jacket	LSZH
Dia.(mm)	7.40±0.20
Jacket Color	Grey(RAL-7044)
Color	
Insulation color are:	
Blue, White	Orange, White
Green, White	Brown, White

Marking(ink black,one per meter)

DD/MM/YY CABLEMASTER S/FTP CAT7 LSZH IEC 11801:2011
 305M.....001M

Production date=DDMMYY

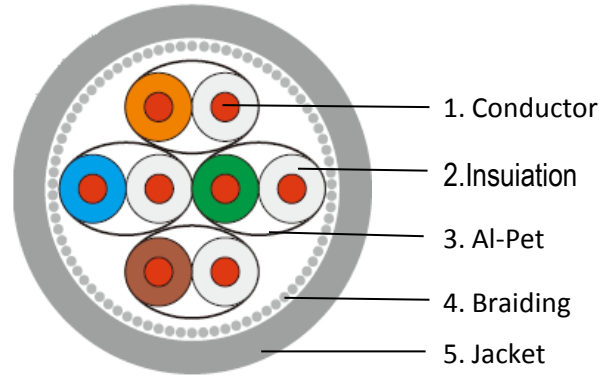
Packaging

305M/Wooden Reel

Label

CABLEMASTER Commercial
 S/FTP CAT7 LSZH
 RoHS(2002/95/EC)
 305M

Design



Electrical Characteristics

Performance

Frequency (MHz)	Attenuation (dB/100m)	NEXT (dB)	PSNEXT (dB)	Return loss (dB)
4.00	3.74	78.00	75.00	23.01
10.00	5.86	78.00	75.00	25.00
16.00	7.41	78.00	75.00	25.00
31.25	10.41	78.00	75.00	23.64
62.50	14.88	75.46	72.46	21.54
100.00	19.02	72.40	69.40	20.11
250.00	30.97	66.43	63.43	17.30
500.00	45.26	61.92	58.92	17.30
600.00	50.10	60.73	57.73	17.30
900.00	63.01	58.09	55.09	15.50
1000.00	66.93	57.40	54.40	15.10

Frequency (MHz)	ELFEXT (dB/100m)	PSELFEXT (dB/100m)
4.00	78.00	75.00
10.00	75.30	72.30
16.00	71.22	68.22
31.25	65.40	62.40
62.50	59.38	56.38
100.00	55.30	52.30
250.00	47.34	44.34
500.00	41.32	38.32
600.00	39.74	36.74
900.00	36.22	33.22
1000.00	35.30	32.30

Max. Conductor DC Resistance at 20°C (Ω/Km)	<77
Rated Temperature(°C)	60
Velocity ratio	approx. 76%
Impedance(Ω)	1-100MHz 100±15
	100-250MHz 100±20
	250-600MHz 100±25
	500-1000MHz 100±30

Fire Performance: IEC60332-1
 Smoke Density: IEC61034
 Halogen Free: IEC60754

