

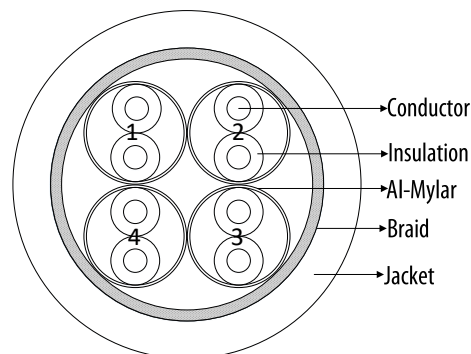
4P×22AWG S/FTP CAT7A LSZH Cable



PRODUCT DATA SHEET

This Cat 7A cable has a low smoke zero halogen outer sheath which emits exposed to high temperatures. Category 7A S/FTP cable can be used with 10 Gigabits/s networks, Analog and VOIP, IP Cameras, IP TV.

Design Number 10315
Part Number See Table 1
Customer Number N/A



Color Code: 1. White, Blue 2. White, Orange
 3. White, Green 4. White, Brown

CONSTRUCTION

Conductor: Solid bare copper
Conductor Size: 22AWG(1/0.62mm)
Insulation: Foamed PE
Insulation Diameter: 1.45mm(Nom.)
Individual Screen: Al-Mylar (Al facing out)
Braid: Tinned Copper or Tinned Copper Claded Aluminium
 8/6/0.12mm , coverage min 25%
Jacket Material: LSZH
Overall Diameter: 8.20±0.30mm
Jacket Color: A variety of colors available

Print Legend:

Category 7 S-FTP 22 AWG 4 Pair 70°C 1200MHz LSZH +XXXm

ELECTRICAL CHARACTERISTICS

Fire Performance: IEC 60332-1
Smoke Density: IEC 61034
Halogen Free: IEC 60754
RoHS Compliant: European Directive 2015/863/EU

Table 1

Part Number	Color	Package
32052536	Grey	100m

ELECTRICAL CHARACTERISTICS

Operating Temperature (°C): 60°C
Conductor Resistance@20°C: 71.6 Ω/km Max
Velocity Propagation: 70%~78% (must meet performance request)
Characteristic Impedance: 100±15 Ohm (1-100MHz)
 100±20 Ohm (100-250MHz)
 100±25 Ohm (250-500MHz)
 100±30 Ohm (500-1000MHz)

Performance

Freq. MHz	ATT	RL	NEXT
	Max. dB/100m	Min. dB/100m	Min. dB/100m
1	-	20.00	78.00
4	3.70	23.00	78.00
10	5.80	25.00	78.00
16	7.30	25.00	78.00
31.25	10.30	23.60	78.00
62.5	14.60	21.50	78.00
100	18.50	20.10	75.40
250	29.70	17.30	69.40
500	42.80	17.30	64.90
600	47.10	17.30	63.70
900	58.50	15.50	61.10
1000	61.90	15.10	60.40
1200	68.40	14.30	59.20

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Revision History		
00	2020/08/27	Initial release
Created L. Jian	Approved A. Huang	

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