



PRODUCT SPECIFICATION

S/FTP CABLE, CATEGORY 7 (1000MHz), LSZH SHEATH

INTRODUCTION

Category 7 cable (CAT 7, ISO/IEC 11801:2002 category 7/Class F), is used in high-speed Ethernet based computer networks of 10 Gbps or higher.

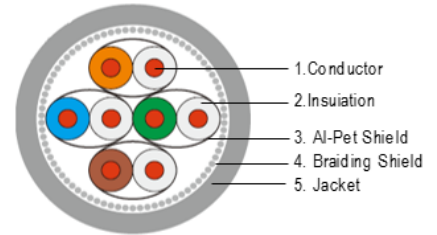
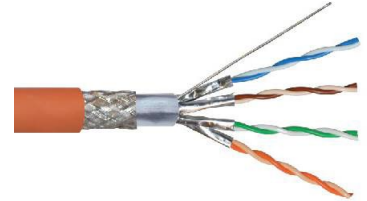
The Category 7 cable is backward compatible with Cat 6, Cat 5 and Cat 5e cabling standard and equipment. The Category 7 cable allows transmission at 10 Gigabit Ethernet in 100 meters.

CAT7 S/FTP CABLE

The 4-pair Category 7 S/FTP cable is composed of 23 AWG (0.56) solid bare copper conductors. Each twisted pair is with individual foil and being wrapped in an overall braid screen.

The cable sheath is marked with meter which allows simple and easy calculation of the cable remaining in the box. A cable measurement record table is printed on each box to help installers keep track of the lengths used.

The Category 7 cable is rated for transmission up to 1000Mhz within 100 meters with 10 Gigabit Ethernet.



FEATURES

- Conforms to Category 7 standards
- 23 AWG bare solid copper conductor
- Available in LSZH jacket
- 25-year system warranty available

REFERENCE STANDARDS

- RoHs/REACH complied
- Flame Test: IEC 60332-1
- Acid Gas Test: IEC 60754-2
- Smoke Test: IEC 61034-2
- ISO/IEC 11801 Class F

APPLICATIONS

- 10BASE-T (Ethernet);
- 100BASE-T (Fast Ethernet);
- 1000BASE-T (Gigabit Ethernet);
- 10GBase-T (Gigabit Ethernet);
- Supports IEEE802.3.bt (Type 4)

SPECIFICATIONS

Product Number:	CCSF7X004LSZXX (XX = Color Code)	Electrical Characteristics (20°C)	1-100MHz Impedance (Ω) 100±15 100-250MHz Impedance (Ω) 100±20 250-500MHz Impedance (Ω) 100±25 500-1000MHz Impedance (Ω) 100±30 DC Resistance(Ω/100m) max: 8.6
Category:	CAT7	Packing:	Wooden Drum
Conductor:	Solid Bare Copper 0.56mm Nom.O.D. ±0.01	Packing Length:	500±1.5m
Insulation:	Skin-Foam PE; Diameter 1.30± 0.1mm	Rip-cord:	No
Inner Screening Material:	Foil	Drain Wire:	No
Outer Screening Material:	Tinned Copper Braiding 0.12mm Coverage ≥25%±5%	Installation Temperature:	0°C ~ +50°C
Sheath:	Thickness: 0.50±0.05mm External O.D.: 7.1± 0.30mm Surface: Clean Material: LSZH	Operating Temperature:	-20°C ~ +60°C
Surface Printing:	Letter height: 3.0±0.3mm Color: Black Print error & space: ≤ ±0.5%,1m		
Core Color	1 White-Blue/Blue; 2 White-Orange/Orange; 3 White-Green/Green; 4 White-Brown/Brown		

The information and specification in this document are subjected to change without notice

