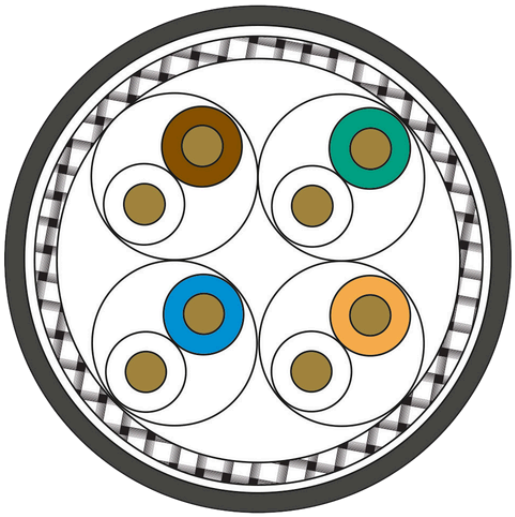
S-FTP DATAKABEL 4X2XAWG23 KATEGORI 7A CPR: CCA



ANVENDELSE

Anvendes til højhastigheds-kabelsystemer, hvor behovet for stor datatrafik er til stede.

Specielt egnet i støjfyldte miljøer eller hvor pladsen i føringsveje er begrænset.

Anvendes ofte i forbindelse med kategori 6A, RJ45 Jack.

- **Varenr.: 122509**
- **EANnr.: 5706683028731**

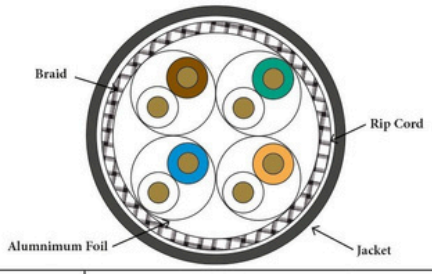
SPECIFIKATION

REKVIRER DEKLARATION

- Kategori: 7A S/FTP
- Transmissionshastighed: 10 Gbps
- Frekvens: 1200 Mhz
- Impedans: 100 +/- 15 ohm
- NVP værdi: 74 %
- CPR: Cca
- DoP dok.: LSZH
- EMC klasse: D
- Antal par: 4
- Leder: AWG23 massiv kobber
- Lederisolation: PE
- Kappefarve: Hvid RAL 9003
- Skærm: Individuel folie + fælles flettet skærm
- UV-bestandig: Ja
- Standard: EIA/TIA 568B. ISO/IEC 11801. EN50173-2
- Oplægning: Tromle 500 m

GIGALAN

Catergory	S/FTP-CAT7A-4P-LSZH-TC40				
Test Standard	ISO/IEC 61156-5;EN 50288-4 ,YD/T1019				
Conductor	**Material**	**SOLID-BARE Copper**			
	Nom. O.D. (mm)	0.560	Up	+0.005	
			Down	-0.005	
Instulation	**Material**	**Skin-foam-skin PE**			
	Diameter	1.353±0.05mm			
Inner Screening Material	Aluminum Foil	Drain wire	No		
Outer Screening Material	Tinned copper 0.10mm	Coverage	≥40%		
Sheath	Thickness	0.55±0.05 mm			
	External O.D	7.8±0.5 mm			
	Surface	Clean			
	Material	LSZH			
	Color	According to the requires			
Surface Printing	Letter height	3.0±0.3mm			
	Color	Black			
	Print error & space	≤±0.5% 1m			
Core Color	1 White/Blue	2 White/Orange			
	3 White/Green	4 White/Brown			
Packing	Wooden Tray & Carton				
Wooden Tray dimension	According to the requires				
Packring length	500 ±1.0m				
Rip-cord	Yes				



Sheath Physical Properties	Before Aging	
	Tensile Strength (Mpa)	≥10.0
	Elongation(%)	≥ 125
	Aging Period C x hrs) 1OO,C x24hx7d	
	After Aging	
	Tensile Strength(Mpa)	≥ 8.0
	Elongation(%)	≥ 100
	Cold bend(-2O±2,C x4h) 8xCable O.D No visible cracks	
Electrical Characteristics (2O,C)	Impedance(Ω) : (1-100MHz) 100±15Ω	
	(100-250MHz) 100±18Ω	
	(250-1000MHz) 100±25Ω	
	Delay Shew (ns/100m) ≤25	
	Velocity of Propagation (%)	74
	unbalanced-to-ground capacitance (pf/100m) max 330	
	DC Resistance (Ω/100m) max	9.5
	apacitance (nf/1 OOm) max	5.6
	DC Conductor Resistance Unbalanc (%) max 2.0	

GIGA-LAN

Technical Performance (100m)

Frequency (MHz)	RL ≥dB	ATT ≤dB	NEXT ≥dB	DELAY ≤ns	Frequency (MHz)	PSNEXT ≥dB	ELFEXT ≥dB	PSELFEXT ≥dB
1	20.0	2.0	78.0	570.0	1	75.0	78.0	75.0
4.0	23.0	3.74	78.0	552.0	4	75.0	78.0	75.0
8.0	24.5	5.24	78.0	546.7	8	75.0	75.9	72.9
10.0	25.0	5.86	78.0	545.4	10	75.0	74.0	71.0
16.0	25.0	7.41	78.0	543.0	16	75.0	69.9	66.9
20.0	25.0	8.29	78.0	542.0	20	75.0	68.0	65.0
25.0	24.3	9.29	78.0	541.2	25	75.0	66.0	63.0
31.25	23.6	10.41	78.0	540.4	31.25	75.0	64.1	61.1
62.5	21.5	14.88	75.5	538.6	62.5	72.5	58.1	55.1
100	20.1	19.02	72.4	537.6	100	69.4	54.0	51.0
150	18.9	23.56	69.8	536.9	150	66.8	50.2	47.2
200	18.0	27.47	67.9	536.5	200	64.9	48.0	45.0
250	17.3	30.97	66.4	536.3	250	63.4	46.0	43.0
300	16.8	34.19	65.2	536.1	300	62.2	44.5	41.5
600	14.7	50.10	60.7	535.5	600	57.7	38.4	35.4
1000	13.1	66.93	57.4	535.1	1000	57.4	34.0	31.0

Product Description:

- Rated temperature: 90°C
- Reference Standard:UL444,UL1581 Bare solid copper conductor
- Rohs/REACH complied LSZH Jacket
- Flame Test: IEC60332-1 ,IEC60332-3C CMX
- Installation temperature:-30°C+50°C

Application:

- Volp , ISDN
- Token , 100M TP-PDM
- Analong and Data Video
- TR-16 Active And Passive
- 155M/662m/1.2GATM
- IEEE802.3:
  100Bease;100Base-T 1000Base-T 10GBase-T

OM LAN-COM

LAN-COM A/S har siden 1991 leveret driftssikre netværksløsninger, bl.a. med egne systemer som GIGA-LAN (kobber) og LAN-OPTIC (fiber) designet til danske krav samt dag-til-dag levering fra Smørum. Vi er en stærk partner på både små installationer og de helt store projekter.

www.lan-com.dk