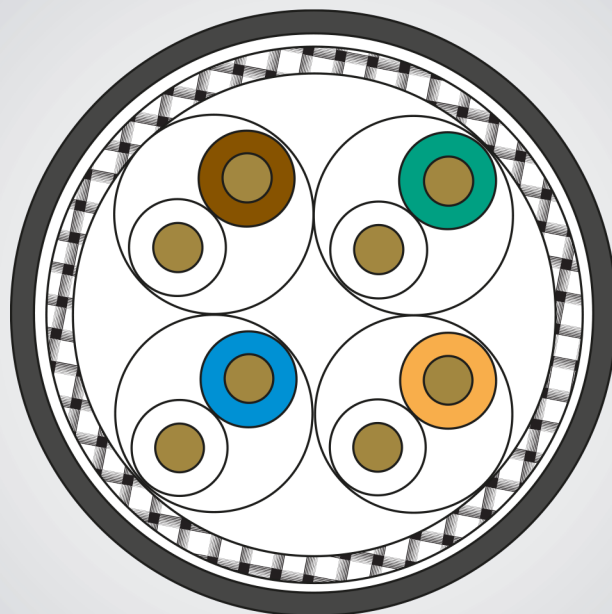


S-FTP Datakabel 4x2xAWG23 Kategori 7



Anvendelse

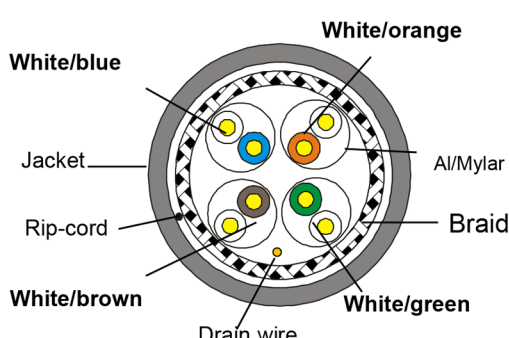
Anvendes til højhastigheds kabelsystemer, hvor behovet for stor datatrafik er tilstede. Specielt egnet i støjfyldte miljøer eller, hvor pladsen i føringsveje er begrænset. Anvendes ofte med i forbindelse med kategori 6A, RJ45 Jack.

Varenr.: 122506
EANnr.: 5706683019111

Specifikation

Kategori: 7 S/FTP
Transmissionshastighed: 10 Gbps
Frekvens: 1000 Mhz
Impedans: 100 +/- 15 ohm
NVP værdi: 74%
EMC klasse: D
CPR: Eca
DoP dok.: GL-122506
Antal par: 4
Leder: AWG23 massiv kobber
Leder isolation: PE
Kappe: LSZH
Kappefarve: Hvid
Skærm: Individuel folie + fælles flettet skærm
Standard: EIA/TIA 568B
ISO/IEC 11801.EN50173-2
Oplægning: Tromle 500 m.

S-FTP Datakabel 4x2xAWG23 Kategori 7

Content of the Data Sheet					
Sheath Printing	TBD				
Customer No.		Customer Reference			
Category	S/FTP-CAT7-4P-LSZH-AM30				
Reference Standard	ISO/IEC 61156-5;EN 50288-4				
Conductor	Material	SOLID-Bare Copper			
	Nom.O.D.(mm)	0.560	up	+0.005	
			down	-0.005	
Insulation	Material	Skin-foam-skin PE			
	Diameter	1.330±0.05 mm			
Inner Screening Material	Al/Mylar	Drain wire	Yes		
Outer Screening Material	Aluminum-magnesium alloy 0.12mm	Coverage	≥30%		
Sheath	Thickness	0.55±0.05 mm			
	External O.D.	7.6±0.5 mm			
	Surface	Clean, Frap, Satiation			
	Material	LSZH(complies RoHS)			
	Color	TBD			
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	Drum				
Wooden Tray dimension	According to the requires				
Packing length	305 ± 1.0m				
Rip-cord	Yes				
Sheath Physical Properties	Before Aging	Tensile Strength (Mpa)	≥10.0		
		Elongation (%)	≥125		
	Aging Period (°C×hrs)	100°C×24h×7d			
	After Aging	Tensile Strength (Mpa)	≥8.0		
		Elongation (%)	≥100		
	Cold bend (-20±2°C×4h)	8×Cable O.D., No visible cracks			
Electrical Characteristics (20°C)	Impedance(Ω) :	(1-100MHz)	100±15Ω		
		(100-250MHz)	100±18Ω		
		(250-600MHz)	100±25Ω		
	Delay Skew (ns/100m)	≤25			
	Velocity of Propagation (%)	74			
	unbalanced-to-ground capacitance (pf/100m) max	330			
DC Resistance (Ω/100m) max	9.38				
DC Conductor Resistance Unbalanc (%) max	2.0				
					
Technical Performance (100m) :					
Frequency (MHz)	RL ≥dB	ATT ≤dB	NEXT ≥dB	PHASE DELAY ≤ns	
1.0	20.0	—	78.0	570.0	
4.0	23.0	3.74	78.0	552.0	
8.0	24.5	5.24	78.0	546.7	
10.0	25.0	5.86	78.0	545.4	
16.0	25.0	7.41	78.0	543.0	
20.0	25.0	8.29	78.0	542.0	
25.0	24.3	9.29	78.0	541.2	
31.25	23.6	10.41	78.0	540.4	
62.5	21.5	14.88	75.5	538.6	
100	20.1	19.02	72.4	537.6	
150	18.9	23.56	69.8	536.9	
200	18.0	27.47	67.9	536.5	
250	17.3	30.97	66.4	536.3	
300	17.3	34.19	65.2	536.1	
600	17.3	50.10	60.7	535.5	
Frequency (MHz)	PSNEXT ≥dB	ELFEXT ≥dB	PSELFEXT ≥dB		
1	75.0	78.0	75.0		
4	75.0	78.0	75.0		
8	75.0	75.9	72.9		
10	75.0	74.0	71.0		
16	75.0	69.9	66.9		
20	75.0	68.0	65.0		
25	75.0	66.0	63.0		
31.25	75.0	64.1	61.1		
62.5	72.5	58.1	55.1		
100	69.4	54.0	51.0		
150	66.8	50.2	47.2		
200	64.9	48.0	45.0		
250	63.4	46.0	43.0		
300	62.2	44.5	41.5		
600	57.7	38.4	35.4		

S-FTP Datakabel 4x2xAWG23 Kategori 7

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	17.3	34.19	65.2	536.1	300	62.2	44.5	41.5
600	17.3	50.10	60.7	535.5	600	57.7	38.4	35.4

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
- Analog and Data Video
- TR-16 Active And Passive
- 155M/662m/1.2GATM
- IEEE802.3:
100Base; 100Base-T 1000Base-T 10GBase-T