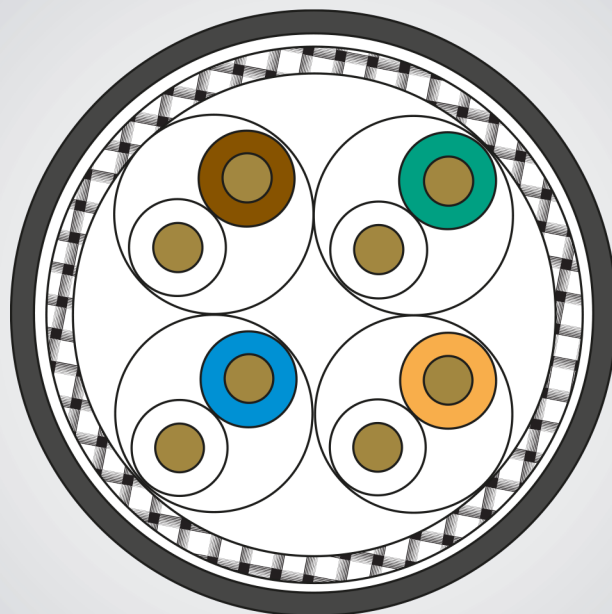


GIGA-LAN S-F'FTP kabel 4X2XAWG23 KAT. 7 WR-LSZH sort



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.

Kablet kan buges både indendørs og udendørs

Kablet har Water Resistance LSZH kappe

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: WR-LSZH

Kappefarve: Sort

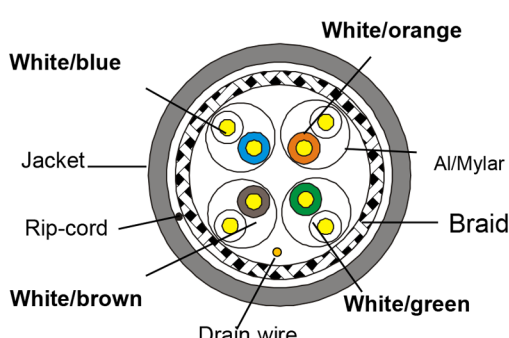
Skærm: Individuel folie + fælles flettet skærm

Standard: EIA/TIA 568B

ISO/IEC 11801.EN50173-2

Oplægning: Tromle a' 500 mtr.

GIGA-LAN S-FTP kabel 4X2XAWG23 KAT. 7 WR-LSZH sort

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		

GIGA-LAN S-FTP kabel 4X2XAWG23 KAT. 7 WR-LSZH sort

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