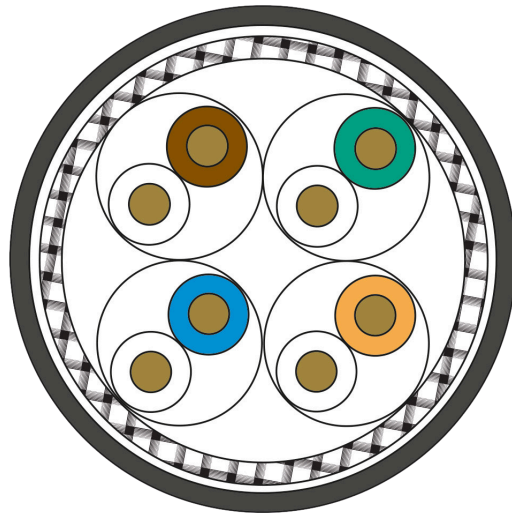


GIGA-LAN

GIGA-LAN S-FTP KABEL 4X2XAWG23 KAT. 7 WR-LSZH SORT UDENDØRS



ANVENDELSE

Anvendes til højhastigheds kablesystemer, hvor behovet for stor datatrafik er tilstede.

Specielt egnet i støjfyldte miljøer. Anvendes ofte med i forbindelse med kategori 6A, RJ45 Jack.

Kablet kan bruges både indendørs og udendørs. Kablet har Water Resistance LSZH kappe.

- Varenr.: 122515
- EANr.: 5706683027543



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 par
- Leder: AWG23 massiv kobber
- Leder isolation: PE
- Kappe: WR-LSZH, sort
- UV-beständig: Ja
- Skærm: Individuel folie + fælles flettet skærm
- Standard: EIA/TIA 568B ISO/IEC 11801.EN50173-2
- Oplægning: Tromle 500 mtr.



GIGA-LAN S-FTP KABEL 4X2XAWG23 KAT. 7 WR-LSZH SORT UDENDØRS

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) :																																																																																					
<table border="1"> <thead> <tr> <th>Frequency (MHz)</th> <th>RL ≥dB</th> <th>ATT ≤dB</th> <th>NEXT ≥dB</th> <th>PHASE DELAY ≤ns</th> </tr> </thead> <tbody> <tr><td>1.0</td><td>20.0</td><td>—</td><td>78.0</td><td>570.0</td></tr> <tr><td>4.0</td><td>23.0</td><td>3.74</td><td>78.0</td><td>552.0</td></tr> <tr><td>8.0</td><td>24.5</td><td>5.24</td><td>78.0</td><td>546.7</td></tr> <tr><td>10.0</td><td>25.0</td><td>5.86</td><td>78.0</td><td>545.4</td></tr> <tr><td>16.0</td><td>25.0</td><td>7.41</td><td>78.0</td><td>543.0</td></tr> <tr><td>20.0</td><td>25.0</td><td>8.29</td><td>78.0</td><td>542.0</td></tr> <tr><td>25.0</td><td>24.3</td><td>9.29</td><td>78.0</td><td>541.2</td></tr> <tr><td>31.25</td><td>23.6</td><td>10.41</td><td>78.0</td><td>540.4</td></tr> <tr><td>62.5</td><td>21.5</td><td>14.88</td><td>75.5</td><td>538.6</td></tr> <tr><td>100</td><td>20.1</td><td>19.02</td><td>72.4</td><td>537.6</td></tr> <tr><td>150</td><td>18.9</td><td>23.56</td><td>69.8</td><td>536.9</td></tr> <tr><td>200</td><td>18.0</td><td>27.47</td><td>67.9</td><td>536.5</td></tr> <tr><td>250</td><td>17.3</td><td>30.97</td><td>66.4</td><td>536.3</td></tr> <tr><td>300</td><td>17.3</td><td>34.19</td><td>65.2</td><td>536.1</td></tr> <tr><td>600</td><td>17.3</td><td>50.10</td><td>60.7</td><td>535.5</td></tr> </tbody> </table>						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
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GIGA-LAN S-FTP KABEL 4X2XAWG23 KAT. 7 WR-LSZH SORT UDENDØRS

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
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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

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.

