



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

- Kategori: 7A S/FTP
- Transmissionshastighed: 10 Gbps
- Frekvens: 1200 Mhz
- Impedans: 100 +/- 15 ohm
- NVP værdi: 74 %
- Antal par: 4
- Leder: AWG23 massiv kobber
- Lederisolation: PE Kappe: LSZH
- CPR: Cca
- DoP dok.: GL-122509
- Kappefarve: Hvid RAL 9003
- Skærm: Individuel folie + fælles flettet skærm
- Standard: EIA/TIA 568B. ISO/IEC 11801. EN50173-2
- Oplægning: Tromle 500 m

Category	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 <table border="1"> <tr> <td>Up</td> <td>+0.005</td> </tr> <tr> <td>Down</td> <td>-0.005</td> </tr> </table>	Up	+0.005	Down	-0.005	
Up	+0.005						
Down	-0.005						
Insulation	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 External O.D Surface Material Color	0.55±0.05 mm 7.8±0.5 mm Clean LSZH According to the requires	Physical Properties Before Aging Tensile Strength (Mpa) ≥10.0 Elongation(%) ≥ 125 Aging Period C x hrs) 100,C x24hx7d After Aging Tensile Strength(Mpa) ≥ 8.0 Elongation(%) ≥ 100 Cold bend(-20±2,C x4h) 8xCable O.D No visible cracks				
Surface Printing	Letter height Color Print error & space	3.0±0.3mm Black ≤±0.5% 1m	Electrical Characteristics (20,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) 9.5 max apacitance (nf/1 00m) 5.6 max DC Conductor Resistance Unbalanc (%) max 2.0				
Core Color	1 White/Blue 3 White/Green	2 White/Orange 4 White/Brown					
Packing	Wooden Tray & Carton						
Wooden Tray dimension	According to the requires						
Packring length	305±1.0m						
Rip-cord	Yes						

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
- 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.

