

GIGA-LAN

Smartere datakabling fra ende til anden

U/UTP 50 pairs cable
- category 3 - 16MHz LSZH Sheath



Anvendelse

Anvendes som telebackbone kabel mellem krydsfelter eller fra PABC til telekrydsfelt. Kappen er af LSZH (brandhæmmende og halogenfri) og anvendes indenfor.

Specifikation

Kategori: 3 U-UTP

Frekvens: 16 Mhz

Antal par: 50 par

Farvekode: UL4444

Leder: 0,50 mm massiv kobber

Lederisolation: PE

Kappe: LSZH

Kappefarve: Hvid U

dvendig Diam: 15 mm +/- 1 mm

Standard: EIA/TIA 568B.

ISO/IEC 11801, EN50173-1,
EN50173-2

Fabrikat: GIGA-LAN

Oplægning: Tromle (afklip)

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Category	U/UTP CAT3-50P-LSZH						
Test Standard	ISO/IEC11801, TIA-568C.2, EN 50173 YD/T1019						
Conductor	Material	SOLID-BARE Copper					
	Nom. O.D. (mm)	0.50		<table border="0"> <tr> <td>Up</td> <td>+0.05</td> </tr> <tr> <td>Down</td> <td>-0.005</td> </tr> </table>	Up	+0.05	Down
Up	+0.05						
Down	-0.005						
Insulation	Material	HDPE					
	Diameter	0.87±0.02mm					
Color	Bl./ Wh.-Bl. Ora./Wh.-Ora. Gn/Wh.-Gn. Br./Wh.-Br. Gr./ Wh.-Gr. Bl./ Re.-Bl. Ora./ Re.-Ora. Gn./ Re.-Gn. Br./Re.-Br. Gr./ Re.-Gr. Bl./ Bla.-Bl. Ora./ Bla.-Ora.Gn./ Bla.-Gn. Br./ Bla.-Br. Gr./ Bla.-Gr. Bl./ Yel.-Bl. Ora./ Yel.-Ora. Gn./ Yel.-Gn. Br./ Yel.-Br. Gr./ Yel.-Gr. Bl./ Pur.-Bl. Ora./ Pur.-Ora.Gn./ Pur.-Gn.Br./ Pur.-Br. Gr./ Pur.-Gr.						
Rip-cord	Yes	Drain wire		No			
Shielded	Polyester						
Sheath	Thickness	0.9±0.04 mm					
	External O.D	15±1.0 mm					
	Surface	Clean, Frap, Satiation					
	Material	LSZH					
Surface Printing	Color	Multiple					
	Letter height	3.5±0.3mm					
	Print error & space	≤±1% 1m					
Packing	Drum						
Packring length	305±1.0m						
<p>Note: Structure: a. 1P~12P & 13P~25P be tied up with White/Blue Identification tape, b. 1P~12P & 13P~25P be tied up with/White/Orange Identification tape.</p>							
		Sheath Physical Properties	<p>Before Aging</p> <p>Tensile Strength (Mpa) ≥10.0</p> <p>Elongation(%) ≥ 125</p> <p>Aging Period C x hrs) 100,C x24hx7d</p> <p>After Aging</p> <p>Tensile Strength(Mpa) ≥ 8.0</p> <p>Elongation(%) ≥ 100</p> <p>Cold bend(-20±2,C x4h) 8xCable O.D No visible cracks</p>				
		Electrical Characteristics	<p>1.0-16.0MHz, impedance (Ω) 100±15</p> <p>Delay Shew 20°C(ns/100m) ≤45</p> <p>Velocity of Propagation (%) 74</p> <p>Capacitance(nF/100m) max: 6.6</p> <p>DC Resistance(Ω/100m) max 9.5</p>				

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Technical Performance (100m)

Frequency (MHz)	RL ≥dB	ATT ≤dB	NEXT ≥dB	DELAY ≤ns	Frequency (MHz)	PSNEXT ≥dB	ELFEXT ≥dB	PSELFEXT ≥dB
1	12.0	2.6	41.3	570.00	1	41.3	39.0	39.0
4.0	12.0	5.6	32.3	552.00	4	32.3	26.9	26.9
8.0	12.0	8.5	27.8	546.73	8	27.8	20.9	20.9
10.0	12.0	9.7	26.3	545.38	10	26.3	19.0	19.0
16.0	9.95	13.1	23.3	543.00	16	23.3	14.9	14.9

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
- Installation temperature:-30°C+50°C

Application:

- 10 Base-T
- 100 BASE-T4
- Telephone Voice Wiring