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.

- **Varenr.: 123006**
- **EANnr.: 5706683019920**

REKVIRER DEKLARATION

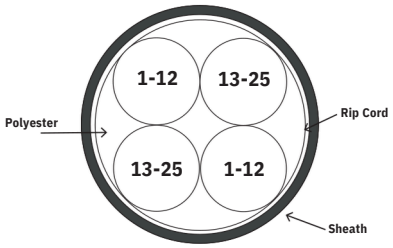
SPECIFIKATION

- Kategori: 3 U-UTP
- Frekvens: 16 Mhz
- Antal par: 25 par
- Farvekode: UL4444
- Leder: 0,50 mm massiv kobber
- Lederisolation: PE
- Inderste kappe: LSZH
- Kappefarve: Hvid U
- Ydre kappe: PE
- Kappefarve: Sort
- Flæktråd: Ja
- Udvendig Diam: 15 mm +/- 1 mm
- Standard: EIA/TIA 568B. ISO/IEC 11801, EN50173-1, EN50173-2
- Fabrikat: GIGA-LAN
- Oplægning: Tromle (afklip)

U/UTP 50 PAIRS CABLE - CATEGORY 3 - 16MHZ LSZH SHEATH

Catergory	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	Up	+0.05
			Down	-0.005
Instulation	**Material**	**HDPE**		
	Diamete	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		
	Color	Multiple		
Surface Printing	Letter height	3.5±0.3mm		
	Color	Black		
	Print error & space	≤±1% 1m		
Packing	Drum			
Packring length	305±1.0m			

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.



Sheath Physical Proper-ties	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	
Electrical Charac-teristics (20,C)	1.0-16.0MHz, impedance (Ω)	100±15
	Delay Shew 20°C(ns/100m)	≤45
	Velocity of Propagation (%)	74
	Capacitance(nF/100m) max:	6.6
	DC ResistanceΩ/100m) max	9.5

Technical Performance (100m)

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

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

Application:

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