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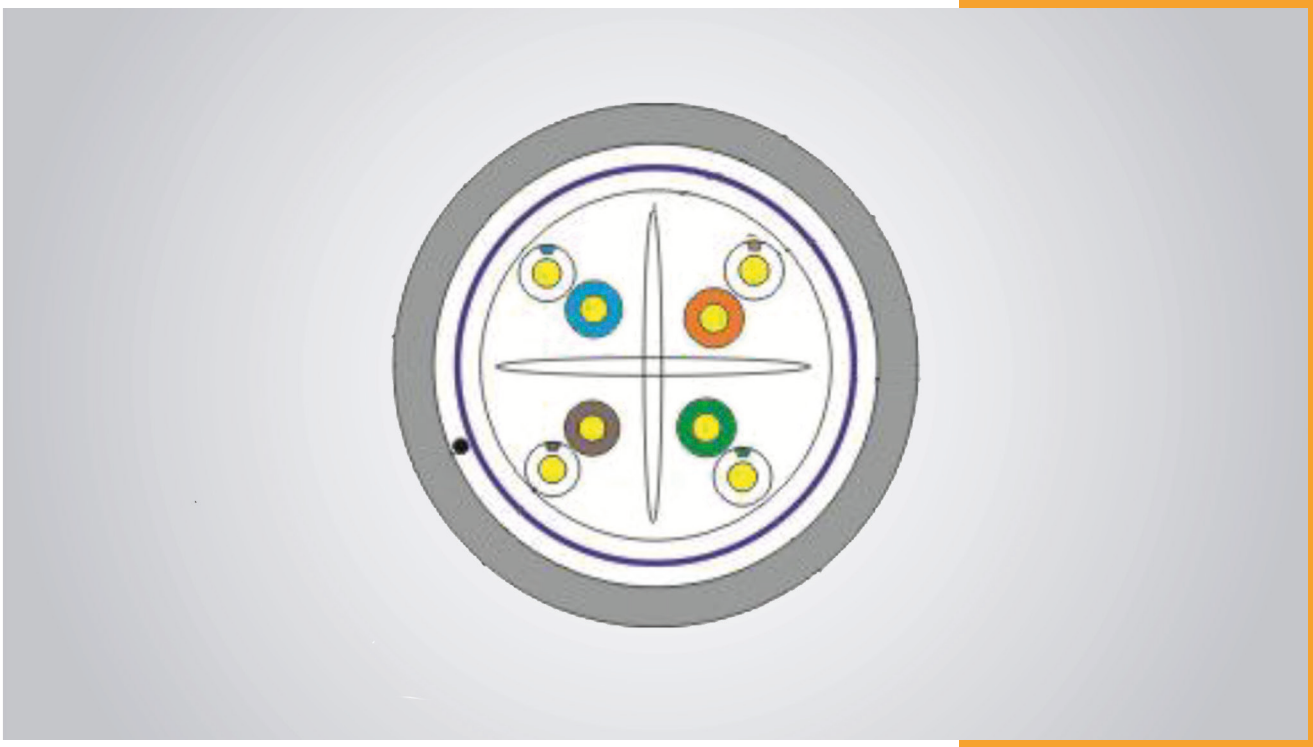
U-UTP Kabel 4x2xxAWG23 Kat. 6A LSZH hvid



Anvendelse

Anvendes til højhastighedskabelsystemer, hvor behovet for stor datatrafik er tilstede.

Varenr.: 122180
EANnr.: 5706683020483

Specifikation

Kategori: 6A /UTP
Transmissionshastighed: 10Gbps
Frekvens: 500 Mhz
Impedans: 100 +/- 15 ohm
NVP værdi: 74 %
EMC klasse: C
CPR: Eca
DoP dok.: GL-122180
Antal par. 4 par
Leder: AWG23 massiv kobber
Lederisolation: PE
Kappe: LSZH hvid, RAL 9003
Standard: EIA/TIA 568B.
ISO/IEC 11801. EN 50173-2
Oplægning: Tromle 500 mtr.

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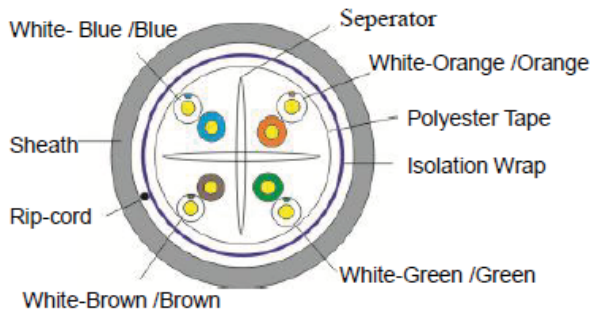
U/UTP 4Pairs cable-category 6A-LSZH Sheath

Content of the Data Sheet				
Sheath Printing	TBD			
Customer No.		Customer Reference		
Category	U/UTP CAT6A-4P-LSZH			
Reference Standard	ISO/IEC11801、ANSI/TIA-568.2-D			
Conductor	Material	Solid-Bare Copper		
	Nom.O.D.(mm)	0.565	up	+0.005
			down	-0.005
Insulation	Material	HDPE		
	Diameter	1.12±0.05mm		
Wraping	Polyester Tape+Isolation Wrap			
Sheath	Thickness	0.55±0.05 mm		
	External O.D.	7.2±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 /Blue	2 White-Orange /Orange		
	3 White-Green /Green	4 White- Brown /Brown		
Packing	Drum			
Carton dimension	According to the requires			
Packing length	305±1.5m			
Rip-cord	Yes	Drain wire	No	
Sheath Physical Properties	Before Aging Tensile Strength (Mpa)		≥10.0	
	Elongation(%)		≥125	
	Aging Period (℃×hrs)	100℃×24h×7d		
	After Aging Tensile Strength(Mpa)		≥8.0	
	Elongation(%)		≥100	
	Cold bend(-20±2℃×4h)	8×Cable O.D., No visible cracks		
Electrical Characteristics (20℃)	Impedance(Ω)	1.0-250.0MHz	100±15	
		250.0-500.0MHz	100±22	
	1.0-500.0MHz Delay Skew (ns/100m)		≤45	
	DC Resistance (Ω/100m) max		9.38	
	DC Conductor Resistance Unbalance (%) max		5.0	



Technical Performance (100m):

Frequency (MHz)	RL ≥dB	ATT ≤dB	NEXT ≥dB	PSNEXT ≥dB
1	20.0	—	74.3	72.3
4.0	23.0	3.8	65.3	63.3
8.0	24.5	5.3	60.8	58.8
10.0	25.0	5.9	59.3	57.3
16.0	25.0	7.5	56.2	54.2
20.0	25.0	8.4	54.8	52.8
25.0	24.3	9.4	53.3	51.3
31.25	23.6	10.5	51.9	49.9
62.5	21.5	15.0	47.4	45.4
100	20.1	19.1	44.3	42.3
200	18.0	27.6	39.8	37.8
250	17.3	31.1	38.3	36.3
300	16.8	34.3	37.1	35.1
500	15.2	45.3	33.8	31.8

Frequency (MHz)	ELFEXT ≥dB	PSELFEXT ≥dB	PSANEXT ≥dB	PSAACRF ≥dB
1	67.8	64.8	67.0	67.0
4	55.8	52.8	67.0	66.2
8	49.7	46.7	67.0	60.1
10	47.8	44.8	67.0	58.2
16	43.7	40.7	67.0	54.1
20	41.8	38.8	67.0	52.2
25	39.8	36.8	67.0	50.2
31.25	37.9	34.9	67.0	48.3
62.5	31.9	28.9	65.6	42.3
100	27.8	24.8	62.5	38.2
200	21.8	18.8	58.0	32.2
250	19.8	16.8	56.5	30.2
300	18.3	15.3	55.3	28.7
500	13.8	10.8	52.0	24.2

Version	A/01	Date	2017-09-18	Revised By	Caihanglie	Audited By	Nidonghua	Approved By	Nidonghua

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