

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



Anvendelse

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

Specifikation

Kategori: 6A /UTP
Transmissionshastighed: 10Gbps
Frekvens: 500 Mhz
Impedans: 100 +/- 15 ohm
NVP værdi: 74 %
EMC klasse: C
CPR: Dca
DoP dok.: GL-122185
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.

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

Content of the Data Sheet									
Sheath Printing									
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							
Wrapping	Polyester Tape+Isolation Wrap				Technical Performance (100m) :				
Sheath	Thickness	0.55±0.05 mm		Frequency (MHz)	RL ≥dB	ATT ≤dB	NEXT ≥dB	PSNEXT ≥dB	
	External O.D.	7.2±0.5 mm		1	20.0	—	74.3	72.3	
	Surface	Clean,Frap,Satiation		4.0	23.0	3.8	65.3	63.3	
	Material	LSZH(complies RoHS)		8.0	24.5	5.3	60.8	58.8	
	Color	White		10.0	25.0	5.9	59.3	57.3	
Surface Printing	Letter height	3.0±0.3mm		16.0	25.0	7.5	56.2	54.2	
	Color	Black		20.0	25.0	8.4	54.8	52.8	
	Print error & Space	≤±0.5%, 1m		25.0	24.3	9.4	53.3	51.3	
Core Color	1 White- Blue /Blue	2 White-Orange /Orange		31.25	23.6	10.5	51.9	49.9	
	3 White-Green /Green	4 White- Brown /Brown		62.5	21.5	15.0	47.4	45.4	
Packing	Drum				100	20.1	19.1	44.3	42.3
Carton dimension	According to the requires				200	18.0	27.6	39.8	37.8
Packing length	305±1.5m				250	17.3	31.1	38.3	36.3
Rip-cord	Yes	Drain wire	No	300	16.8	34.3	37.1	35.1	
Sheath Physical Properties	Before Aging Tensile Strength (Mpa)		≥10.0		500	15.2	45.3	33.8	31.8
	Elongation(%)		≥125		Frequency (MHz)	ELFEXT ≥dB	PSELFEXT ≥dB	PSANEXT ≥dB	PSAACRF ≥dB
	Aging Period (°C×hrs)		100°C×24h×7d		1	67.8	64.8	67.0	67.0
	After Aging Tensile Strength(Mpa)		≥8.0		4	55.8	52.8	67.0	66.2
	Elongation(%)		≥100		8	49.7	46.7	67.0	60.1
Electrical Characteristics (20℃)	Cold bend(-20±2℃×4h)		8×Cable O.D., No visible cracks		10	47.8	44.8	67.0	58.2
	Impedance(Ω)	1.0-250.0MHz	100±15		16	43.7	40.7	67.0	54.1
		250.0-500.0MHz	100±22		20	41.8	38.8	67.0	52.2
	1.0-500.0MHz	Delay Skew (ns/100m)	≤45		25	39.8	36.8	67.0	50.2
	DC Resistance (Ω/100m) max		9.38		31.25	37.9	34.9	67.0	48.3
DC Conductor Resistance Unbalance (%) max		5.0		62.5	31.9	28.9	65.6	42.3	