

GIGALAN

Smartere datakabling fra ende til anden

U-UTP Datakabel 4x2AWG24 Kategori 5E



Specifikation

- Kategori: 5e U/UTP
- Transmissionshastighed: 1Gbps
- Frekvens: 100 Mhz
- Impedans: 100 +/- 15 ohm
- NVP værdi: 69 %
- Antal par: 4 par
- Leder: AWG24 massiv kobber
- Lederisolation: PE
- Kappe: LSZH, PVC, PE
- Kappefarve: LSZH, PVC, Hvid
- Kappefarve: PE, Sort
- Standard: EIA/TIA 568B.
ISO/IEC 11801. EN50173-2
- Oplægning: LSZH, PVC, Boxe á 305 mtr. PE: Trl. 500 mtr.

Anvendelse

Anvendes i strukturerede kabelsystemer som tele/datakabel mellem krydsfelt og udtag.

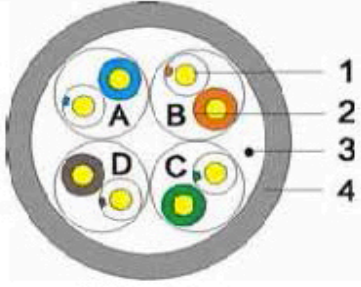
TECHNICAL DATA SHEET

REF : UTP 4 pairs cable - category 5e - 100MHz – CM/LSZH Sheath

Sheath Printing	It will be printed as customer's requirement with batch produce.																																																																																																																				
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TECHNICAL DATA SHEET

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Sheath Printing	It will be printed as customer's requirement with batch produce.									
Category	UTP/CAT5e-4P-PE									
Test Standard	ISO/IEC 11801, TIA/EIA 568B YD/T 1019-2001									
1. Conductor	Material	SOLID-Bare Copper								
	Nom. O.D. (mm)	0.50	Up	+0.005						
			Down	-0.005						
2. Insulation	Material	HDPE								
	Diameter	0.880 ± 0.03mm								
Color	A. Blue, White-Blue	B. Orange, White-Orange			Technical Performance (100m): (20°C)					
	C. Green, White-Green	D. Brown, White-Brown								
3. Rip-cord	Yes	Drain wire	No							
4. Sheath	Thickness	0.55 ± 0.05 mm			(MHz)	RL	ATT	NEXT	DELAY	
	External O.D.	5.4 ± 0.5 mm			1	≥ dB	≤ dB	≥ dB	≤ ns	
	Surface	Clean, Frap, Satiation			4.0	20.0	2.0	65.3	570.00	
	Material	LDPE (complies RoHS)			8.0	23.0	4.1	56.3	552.00	
	Color	Black			10.0	24.5	5.8	51.8	546.73	
Surface Printing	Letter height	3.0 ± 0.3mm			16.0	25.0	6.5	50.3	545.38	
	Color	White			20.0	25.0	8.2	47.2	543.00	
	Print error & Space	≤ ± 0.5%, 1m			25.0	25.0	9.3	45.8	542.05	
					31.25	24.3	10.4	44.3	541.20	
Packing	Ply wood reel, pallet				62.5	23.6	11.7	42.9	540.44	
Packing length	500 M				100	21.5	17.0	38.4	538.55	
Sheath Physical Properties	Before Aging	Tensile Strength (Mpa)	≥ 10							
		Elongation (%)	≥ 350							
	Aging Period (°C × hrs)	100°C × 24h × 10d								
After Aging	Elongation (%)	≥ 300		(MHz)	PSNEXT	ELFEXT	PSELFEXT			
	Cold bend (-20 ± 2°C × 4h)	No visible cracks			1	≥ dB	≥ dB	≥ dB		
Electrical Characteristics (20°C)	1.0-100.0MHz, Characteristic impedance (Ω) 100 ± 15				4	62.3	64.0	61.0		
	1.0-100.0MHz, Delay Shew 20°C (ns/100m) ≤ 45				8	53.3	52.0	49.0		
	DC Resistance 20°C (Ω/100m) max: 9.5				10	48.8	45.9	42.9		
					16	47.3	44.0	41.0		
					20	44.4	39.9	36.9		
					25	42.8	38.0	35.0		
DC Conductor Resistance Unbalance (%) max: 5.0				31.25	41.3	35.8	33.0			
				62.5	39.9	34.1	31.1			
				100	35.4	28.1	25.1			
					32.3	24.0	21.0			

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REF : DUPLEX UTP 4 pairs cable - category 5e - 100MHz - PVC Sheath

ZLL 04020054

CORD: A-100923-1

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100	20.1	22.0	35.3	537.60																																																												
C.Green,White-Green	D.Brown, White-Brown																																																															
3. Rip-cord	Yes	Drain wire	No																																																													
4. Sheath	Thickness	0.55±0.05 mm																																																														
	External O.D.	(5.3/10.6)±0.4mm																																																														
	Surface	Clean,Frap,Satiation																																																														
	Material	PVC(RoHS Complied)																																																														
	Color	Multiple																																																														
Surface Printing	Letter height	3.0±0.3mm																																																														
	Color	Black																																																														
	Print error & Space	≤±0.5%, 1m																																																														
Packing	Drum in Carton																																																															
Carton dimension	—																																																															
Packing length	500 M																																																															
Sheath Physical Properties	Before Aging	Tensile Strength (Mpa)	≥13.5		1	62.3	63.8	60.8																																																								
		Elongation (%)	≥150		4	53.3	51.8	48.8																																																								
	Aging Period (°C×hrs)		100°C×24h×7d		8	48.8	45.7	42.7																																																								
	After Aging	Tensile Strength (Mpa)	≥12.5		10	47.3	43.8	40.8																																																								
		Elongation (%)	≥125		16	44.4	39.7	36.7																																																								
	Cold bend (-20±2°C×4h)		No visible cracks		20	42.8	37.8	34.8																																																								
				25	41.3	35.8	32.8																																																									
Electrical Characteristics (20°C)	1.0-100.0MHz, Characteristic impedance (Ω)		100±15		31.25	39.9	33.9	30.9																																																								
	1.0-100.0MHz, Delay Shew 20°C(ns/100m)		≤45		62.5	35.4	27.9	24.9																																																								
	DC Resistance 20°C(Ω/100m) max		9.5		100	32.3	23.8	20.8																																																								
	DC Conductor Resistance Unbalance (%)max		5.0																																																													