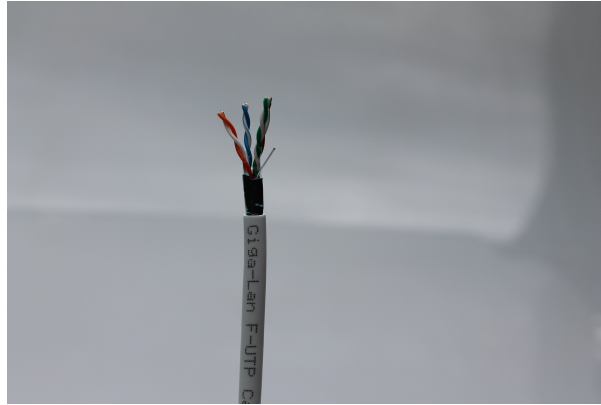


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Smartere datakabling fra ende til anden

F-UTP Datakabel 4x2AWG24 Kategori 5E



Specifikation

- Kategori 5E F/UTP
- Transmissionshastighed: 1Gbps
- Frekvens: 100 Mhz
- Standard: EIA/TIA 568B.
ISO/IEC 11801. EN50173-2
- Impedans: 100 +/- 15 ohm
- NVP værdi: 69 %
- Antal par: 4 par
- Leder: AWG24 massiv kobber
- Lederisolation: PE
- Skærm: Folie
- Kappe: LSZH
- Kappefarve: Hvid
- Oplægning: 305 mtr.

Anvendelse

Anvendes i et struktureret kabelsystem mellem krydsfelt og udtag for transmission af tele og data.

Specielt egnet i støjfyldte miljøer eller, hvor pladsen i føringsveje er begrænset.

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TECHNICAL DATA SHEET

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

Company		LAN-COM A/S								
Category		FTP/CAT5e-4P-LSZH								
Test Standard		ISO/IEC11801, TIA/EIA 568B YD/T1019-2001								
1. Conductor	Material	SOLID-Bare Copper			LSZH Jacket	Rip-cord	BC conductor	Polyester	AL Foil	BC drain Wire
	Nom. O.D. (mm)	0.511	Up	+0.005						
2. Insulation	Material	HDPE								
	Diameter	1.02 ± 0.02mm								
Color	A. Blue, White-Blue	B. Orange, White-Orange			Technical Performance (100m): (MHz) RL ATT NEXT DELAY ≥dB ≤dB ≥dB ≤ns					
	C. Green, White-Green	D. Brown, White-Brown								
3. Rip-cord	Yes	Drain wire	0.50mmBC		1	20.0	2.0	65.3	570.00	
4. Shielded	AL Foil				4.0	23.0	4.1	56.3	552.00	
5. Sheath	Thickness	0.55 ± 0.05 mm			8.0	24.5	5.8	51.8	546.73	
	External O.D.	6.3 ± 0.3 mm			10.0	25.0	6.5	50.3	545.38	
	Surface	Clean, Frap, Satiation			16.0	25.0	8.2	47.2	543.00	
	Material	CM/LSZH (complies RoHS)			20.0	25.0	9.3	45.8	542.05	
	Color	Multiple			25.0	24.3	10.4	44.3	541.20	
Surface Printing	Letter height	3.0 ± 0.3mm			31.25	23.6	11.7	42.9	540.44	
	Color	Black			62.5	21.5	17.0	38.4	538.55	
	Print error & Space	≤ ± 0.5%, 1m			100	20.1	22.0	35.3	537.60	
Packing	Carton, pallet									
Carton dimension	41*41*21cm									
Packing length	305 M									
Sheath Physical Properties	Before Aging	Tensile Strength (Mpa)	≥ 13.5		(MHz)	PSNEXT	ELFEXT	PSELFEXT		
		Elongation (%)	≥ 150							
	After Aging	Aging Period (°C × hrs)	100°C × 24h × 7d		1	62.3	64.0	61.0		
		Tensile Strength (Mpa)	≥ 12.5		4	53.3	52.0	49.0		
		Elongation (%)	≥ 125		8	48.8	45.9	42.9		
Cold bend (-20 ± 2°C × 4h)	No visible cracks			10	47.3	44.0	41.0			
Electrical Characteristics (20°C)	1.0-100.0MHz, Characteristic impedance (Ω) 100 ± 15				16	44.4	39.9	36.9		
	1.0-100.0MHz, Delay Shew 20°C (ns/100m) ≤ 45				20	42.8	38.0	35.0		
	DC Resistance 20°C (Ω/100m) max 9.38				25	41.3	35.8	33.0		
	DC Conductor Resistance Unbalance (%) max 2.5				31.25	39.9	34.1	31.1		
					62.5	35.4	28.1	25.1		
				100	32.3	24.0	21.0			