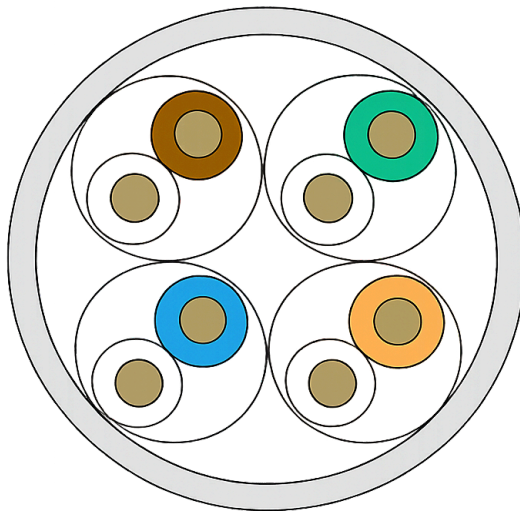


GIGALAN

U-FTP DATAKABEL 4X2XAWG23 KATEGORI 6A



ANVENDELSE

Anvendes til højhastighedskabelsystemer hvor behovet for stor data-trafik er tilstede.

Speciel egnet i støjfyldte miljøer eller hvor pladsen i føringsveje er trængte.

SPECIFIKATION



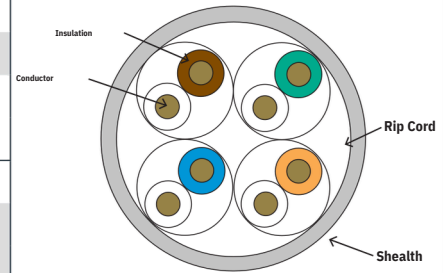
- Kategori: 6A U/FTP
- Transmissionshastighed: 10Gbps
- Frekvens: 500 MHz
- Impedans: 100 +/- 15 ohm
- NVP værdi: 74 %
- EMC klasse: D
- CPR: Dca
- DoP dok.: GL-122433
- Antal par. 4 par
- Leder: AWG23 massiv kobber
- Lederisolation: PE
- Kappe: LSZH, hvid
- UV-beständig: Ja
- Skærm: Folie individuel
- Standard: EIA/TIA 568B. ISO/IEC 11801. EN 50173-2
- Oplægning: Tromle 500 m

- Varenr.: 122433
- EANnr.: 5706683028755



U-FTP Datakabel 4x2xAWG23 Kategori 6A

Sheath Printing		It will be tinned as customer's requirement with batch produce.				
Category	U/FTP- CA T6A-4P-LSZH					
Test Standard	ISO/IEC 11801, TIA-568-C.2, YD/T1019					
Conductor	Material	SOLID-BARE Copper				
	Nom. O.D. (mm)	0.560	$\begin{matrix} +0.005 \\ -0.005 \end{matrix}$			
Insulation	Material	HDPE				
	Diameter	0.88±0.03mm				
Screening Material	Aluminum Foil	Drain wire				
	Thickness	0.50±0.05 mm TC 0.45mm				
Sheath	External O.D	7.3±0.5 mm				
	Surface	Clean, Frap, Sations				
	Material	CM/LSZH (complies RoHS)				
	Color	Multiple				
	Letter height	3.0±0.3mm				
Surface Printing	Color	Black				
	Print error & space	≤±0.5% 1m				
	1 White/Blue	2 White/Orange				
Core Color (With striped color)	3 White/Green	4 White/Brown				
	Wooden Tray 500 M					
Packing	Yes					
Packing length						
Rip-cord						
Sheath Shysical Properties	Before Aging	Tersile Strength (Mpa)	≥10			
		Elongation(%)	≥125			
	Aging Period (°C X hrs)	100°C X 24h X 7d				
		Tensile strength (Mpa)	≥8			
	After Aging	Elongation (%) ≥100				
	Cold bend (-20±2°C x4h) 8xCable O.D.,	No visible cracks				
	Delay Shew (ns/100m)	≥45				
	Velocity of Propagation (%)	68				
	Electrical Characheristics (20°C)	unbalanced-to-ground capacitance (pf/1 00m)	max 330			
			DC Resistance (Ω/100m)	max 9.38		
DC Conductor Resistance Unbalance (%)		max 2.0				
Technical Performance (100m) (20o)		(MHz)	RL ≥dB	ATT ≤dB	NEXT ≥dB	DELAY ≤ns
		1	20.0	2.0	65.3	570.0
		4.0	23.0	4.1	56.3	552.0
		8.0	24.5	5.8	51.8	546.7
		10.0	25.0	6.5	50.3	545.4
		16.0	25.0	8.2	47.2	543.0
		20.0	25.0	9.3	45.8	542.1
	25.0	24.3	10.4	44.3	541.2	
	31.25	23.6	11.7	42.9	540.4	
	62.5	21.5	17.0	38.4	538.6	
100	20.1	22.0	35.3	537.6		
200	18.0	27.6	39.8	536.5		
250	17.3	31.1	38.3	536.3		
300	16.8	34.3	37.1	536.1		
500	15.2	45.3	33.8	535.6		
Electrical Characheristics (20°C)	PSNEXT	ELFEXT	≥dB			
		≥dB	≥dB			
	1	72.3	68.0	65.0		
	4	63.3	56.0	46.9		
	8	58.8	49.9	45.0		
	10	57.3	48.0	40.9		
	16	54.2	43.9	39.0		
	20	52.8	42.0	37.0		
	25	51.3	40.0	35.1		
	31.25	49.9	40.0	29.1		
62.5	45.4	38.1	29.1			
100	42.3	32.1	25.0			
200	37.8	28.0	19.0			
250	36.3	22.0	17.0			
300	35.1	18.5	15.5			
500	31.8	14.0	11.0			



Technical Performance (100m)

(MHz)	RL ≥dB	ATT ≤dB	NEXT ≥dB	DELAY ≤ns
1	20.0	2.0	65.3	570.0
4.0	23.0	4.1	56.3	552.0
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4	63.3	56.0	46.9
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OM LAN-COM

LAN-COM A/S har siden 1991 leveret driftssikre netværksløsninger, bl.a. med egne systemer som GIGA-LAN (kobber) og LAN-OPTIC (fiber) designet til danske krav samt dag-til-dag levering fra Smørum. Vi er en stærk partner på både små installationer og de helt store projekter.

