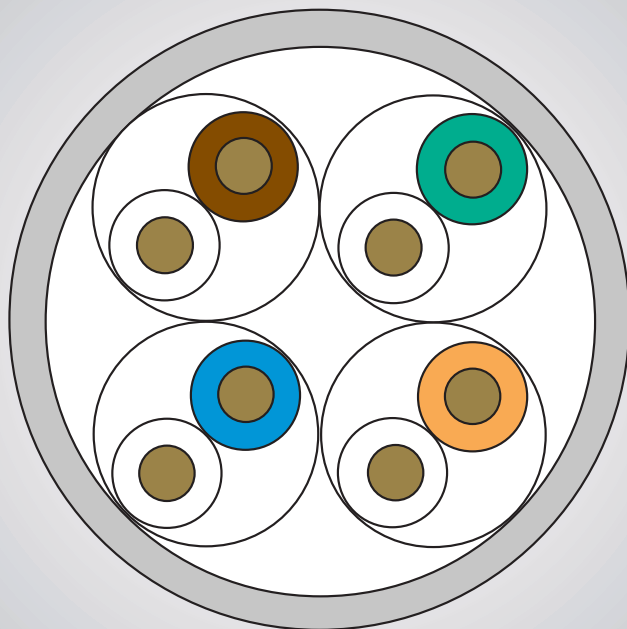


## U-FTP Datakabel 4x2xAWG23 Kategori 6A



### Anvendelse

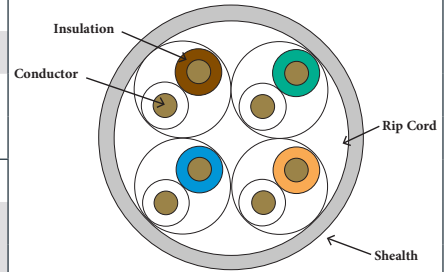
Anvendes til højhastighedskabelsystemer hvor behovet for stor data-  
trafik er tilstede. Speciel egnet i støjfyldte miljøer eller hvor pladsen i  
føringsveje er trængte.

### Specifikation

**Kategori:** 6A U/FTP  
**Transmissionshastighed:** 10Gbps  
**Frekvens:** 500 MHz  
**Impedans:** 100 +/- 15 ohm  
**NVP værdi:** 74 %  
**EMC klasse:** D  
**CPR:** Cca  
**DoP dok.:** GL-122431  
**Antal par:** 4 par  
**Leder:** AWG23 massiv kobber  
**Lederisolation:** PE  
**Kappe:** LSZH  
**Kappefarve:** hvid  
**Skærm:** Folie individuel  
**Standard:** EIA/TIA 568B.  
ISO/IEC 11801. EN 50173-2  
**Oplægning:** Tromle 500 m

## U-FTP Datakabel 4x2xAWG23 Kategori 6A

Sheath Printing		It will be tinged as customer's requirement with batch produce.					
Category	U/FTP- CA T6A-4P-LSZH						
Test Standard	ISO/1 EC 11801, TIA-568-C.2, YD/T1019						
Conductor	<b>Material</b>	<b>SOLID-BARE Copper</b>					
	Nom. O.D. (mm)	0.560	Up	+0.005	Down	-0.005	
Insulation	<b>Material</b>	<b>HDPE</b>					
	Diameter	0.88±0.03mm					
Screening Material	Aluminum Foil	Drain wire	TC 0.45mm				
Sheath	Thickness	0.50±0.05 mm					
	External O.D	7.3±0.5 mm					
	Surface	Clean, Frap, Sations					
	Material	CM/LSZH (complies RoHS)					
	Color	Multiple					
Surface Printing	Letter height	3.0±0.3mm					
	Color	Black					
	Print error & space	≤±0.5% 1m					
Core Color (With striped color)	1 White/Blue	2 White/Orange					
	3 White/Green	4 White/Brown					
Packing	Wooden Tray						
Packring length	500 M						
Rip-cord	Yes						
Sheath Physical Properties	Before Aging	Tersile Strength (Mpa) ≥10	(MHz)	PSNEXT	ELFEXT	PSELFEXT	
		Elongation(%) ≥125		≥dB	≥dB	≥dB	
	Aging Period (°C X hrs)	100°C X 24h X 7d		1	72.3	68.0	65.0
	After Aging	Tensile strength (Mpa) ≥8	4	63.3	56.0	53.0	
		Elongation (%) ≥100	8	58.8	49.9	46.9	
	Cold bend (-20±2°C x4h) 8xCable O.D., No visible cracks			10	57.3	48.0	45.0
				16	54.2	43.9	40.9
Electrical Characheristics (20°C)	Delay Shew (ns/100m) ≥45			20	52.8	42.0	39.0
	Velocity of Propagation (%) 68			25	51.3	40.0	37.0
	unbalanced-to-ground capacitance (pf/1 00m) max 330			31.25	49.9	38.1	35.1
	DC Resistance (Ω/100m) max 9.38			62.5	45.4	32.1	29.1
	DC Conductor Resistance Unbalance (%) max 2.0			100	42.3	28.0	25.0
				200	37.8	22.0	19.0
				250	36.3	20.0	17.0
			300	35.1	18.5	15.5	
			500	31.8	14.0	11.0	



Technical Performance (100m)  
(20°)

(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