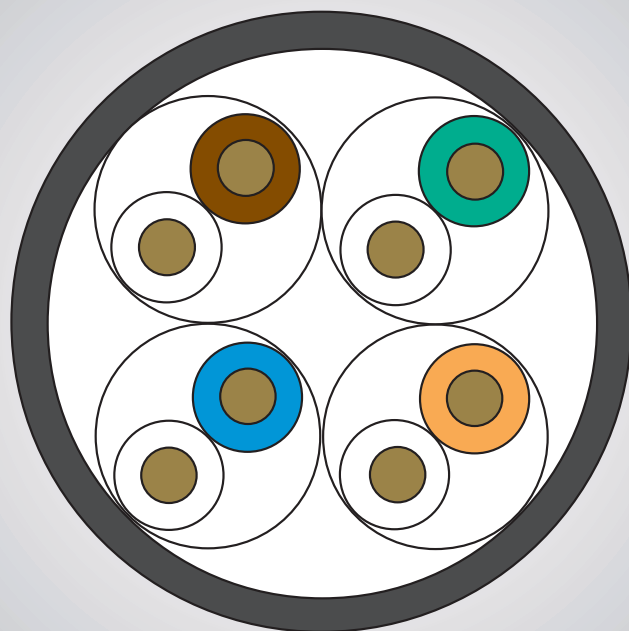


U-FTP Datakabel 4x2xAWG23 Kategori 6A



Anvendelse

Bruges i strukturerede kabelsystemer som tele/data kabel udendørs mellem krydsfelt og udtag. Anvendes ligeledes typisk som mellem-kabling mellem to bygninger eller i boligforening hvor kablingen foretages udvendigt på bygning.

Ligeledes velegnet til kameraovervågning udendørs.

Kablet er UV-bestandigt

For at undgå vandindtrængning i enderne af kablet, påføres kablet ende muffer (varenr.: 125470) under installationen og fjernes umiddelbart før konnektering.

Specifikation

Kategori: 6a U-FTP

Transmissionshastighed: 10 Gbps

Frekvens: 500 Mhz

Impedans: 100 +/- 15 ohm

NVP værdi: 74%

EMC klasse: D

Antal par: 4 par

Leder: AWG23 massiv kobber

Lederisolation: PE

Kappe: PE

UV-bestandigt: Ja

Kappefarve: Sort

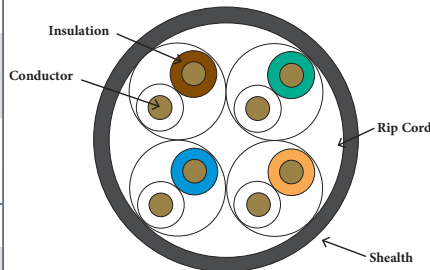
Skærm: Folie individuel

Standard: EIA/TIA 568B, ISO 11801, EN 50173-2

Oplægning: Tromle 500 m

U-FTP Datakabel 4x2xAWG23 Kategori 6A

Sheath Printing		TBD	
Category	U/FTP- CAT6A-4P-LSZH		
Test Standard	ISO/1 EC 11801, TIA-568-C.2, YD/T1019		
Reference Standard	ISO/IEC11801 TIA-568-C.2		
Conductor	Material	SOLID-BARE Copper	
	Nom. O.D. (mm)	0.560	$\frac{\text{Up} +0.005}{}$
Surface Printing	External O.D	7.3±0.5 mm	
	Surface	Clean	
	Material	LDPE(complies RoHS)	
	Color	Black	
	Letter height	3.0±0.3mm	
Core Color (With striped color)	Color	White	
	Print error & space	≤±0.5% 1m	
Core Color	1 White/Blue	2 White/Orange	
	3 White/Green	4 White/Brown	
Packing	Drum		
Packring length	500		
Rip-cord	Yes		
Sheath Shysical Properties	Before Aging	Tersile Strength (Mpa) ≥10	
		Elongation(%) ≥350	
	Aging Period (°C X hrs)	100°C X 24h X 10d	
	After Aging	Elongation (%) ≥300	
	Cold bend (-20±2°C x4h) 8xCable O.D., No visible cracks		
Electrical Characheristics (20°C)	Impedance(Ω)	1.0-250.0MHz	100±15
		250.0-500.0MHz	100±22
	1.0-500.0MHz Delay Skew (ns/100m) ≤45		
	unbalanced-to-ground capacitance (pf/1 00m) max 330		
	DC Resistance (Ω/100m) max 9.38		
	DC Conductor Resistance Unbalance (%) max 5.0		



Technical Performance (100m)
(20°)

(MHz)	RL ≥dB	ATT ≤dB	NEXT ≥dB	DELAY ≤ns
1	20.0	-	74.3	570
4.0	23.0	3.8	65.3	552
8.0	24.5	5.3	60.8	547
10.0	25.0	5.9	59.3	545
16.0	25.0	7.5	56.2	543
20.0	25.0	8.4	54.8	542
25.0	24.3	9.4	53.3	541
31.25	23.6	10.5	51.9	540
62.5	21.5	15.0	47.4	539
100	20.1	19.1	44.3	538
200	18.0	27.6	39.8	537
250	17.3	31.1	38.3	536
300	16.8	34.3	37.1	536
500	15.2	45.3	33.8	536

(MHz)	PSNEXT ≥dB	ELFEXT ≥dB	PSELFEXT ≥dB
1	72.3	67.8	64.8
4	63.3	55.8	52.8
8	58.8	49.7	46.7
10	57.3	47.8	44.8
16	54.2	43.7	40.7
20	52.8	41.8	38.8
25	51.3	39.8	36.8
31.25	49.9	37.9	34.9
62.5	45.4	31.9	28.9
100	42.3	27.8	25.8
200	37.8	21.8	18.8
250	36.3	19.8	16.8
300	35.1	18.3	15.3
400	33.3	15.8	12.8
500	31.8	13.8	10.8