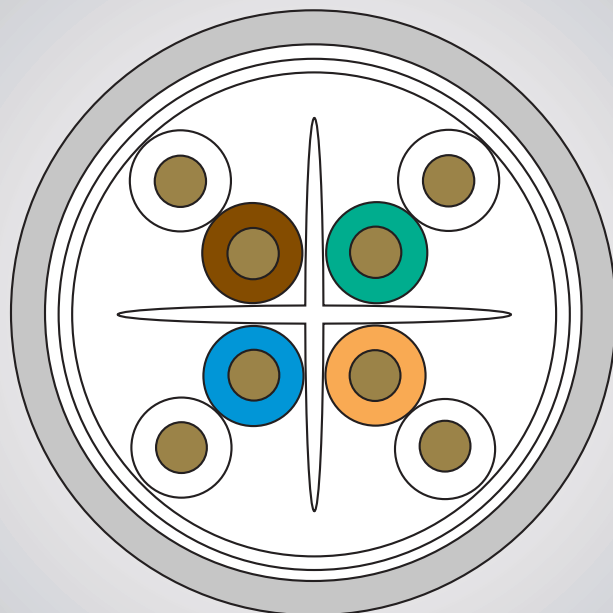


F-UTP Datakabel 4x2xAWG23 Kategori 6



Anvendelse

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

Ligeledes velegnet til kameraovervågning udendørs.

Specifikation

Kategori: 6 F/UTP

Transmissionshastighed: 1Gbps

Frekvens: 250 Mhz

Impedans: 100 +/- 15 ohm

NVP værdi: 69 %

EMC Klasse: C

CPR: Eca

DoP dok.: GL-122308

Antal par: 4 par

Leder: AWG23 massiv kobber

Lederisolation: PE

Kappe: LSZH

Kappefarve: Hvid

Standard: EIA/TIA 568B.

ISO/IEC 11801. EN50173-2

Oplægning: Tromle 500 m

F-UTP Datakabel 4x2xAWG23 Kategori 6

Category	F/UTP CAT6-4P-LSZH																																					
Test Standard	SO/IEC11801, TIA- 568-C.2, YD/T 1019																																					
Conductor	Material	SOLID-BARE Copper																																				
	Nom. O.D. (mm)	0.570	<table border="0"> <tr> <td>Up</td> <td>+0.005</td> </tr> <tr> <td>Down</td> <td>-0.005</td> </tr> </table>	Up	+0.005	Down	-0.005																															
Up	+0.005																																					
Down	-0.005																																					
Insulation	Material	HDPE																																				
	Diameter	1.09±0.03mm																																				
Screening Material	Aluminum Foil		<table border="0"> <tr> <td>Sheath</td> <td>Before Aging</td> <td>≥10.0</td> </tr> <tr> <td rowspan="4">Physical Properties</td> <td>Tensile Strength (Mpa)</td> <td>≥ 125</td> </tr> <tr> <td>Elongation(%)</td> <td></td> </tr> <tr> <td>Aging Period (CC x hrs)</td> <td>100,C X24hX7d</td> </tr> <tr> <td>After Aging Tensile Strength(Mpa)</td> <td>≥ 8.0</td> </tr> <tr> <td>Elongation(%)</td> <td>≥ 100</td> <td></td> </tr> <tr> <td>Cold bend(-20±2,C x4h)</td> <td colspan="2">8xCable O.D No visible cracks</td> </tr> <tr> <td rowspan="3">Electrical Characteristics (20,C)</td> <td>1.O-25O.OMHz Impedance (o)</td> <td>100±15</td> </tr> <tr> <td>1.O-25O.OMHz Delay Shew (ns/1 OOm) :S45</td> <td></td> </tr> <tr> <td>NVP</td> <td>69%</td> </tr> <tr> <td rowspan="3">Capacitance</td> <td>apacitance (nf/1 OOm) max</td> <td>5.6</td> </tr> <tr> <td>unbalanced-to-ground capacitance (pf/10Om) max</td> <td>330</td> </tr> <tr> <td>DC Resistance (o /1 OOm) max</td> <td>9.38</td> </tr> <tr> <td colspan="2">DC Conductor Resistance Unbalance (%)max</td> <td>5.0</td> </tr> </table>	Sheath	Before Aging	≥10.0	Physical Properties	Tensile Strength (Mpa)	≥ 125	Elongation(%)		Aging Period (CC x hrs)	100,C X24hX7d	After Aging Tensile Strength(Mpa)	≥ 8.0	Elongation(%)	≥ 100		Cold bend(-20±2,C x4h)	8xCable O.D No visible cracks		Electrical Characteristics (20,C)	1.O-25O.OMHz Impedance (o)	100±15	1.O-25O.OMHz Delay Shew (ns/1 OOm) :S45		NVP	69%	Capacitance	apacitance (nf/1 OOm) max	5.6	unbalanced-to-ground capacitance (pf/10Om) max	330	DC Resistance (o /1 OOm) max	9.38	DC Conductor Resistance Unbalance (%)max		5.0
Sheath	Before Aging	≥10.0																																				
Physical Properties	Tensile Strength (Mpa)	≥ 125																																				
	Elongation(%)																																					
	Aging Period (CC x hrs)	100,C X24hX7d																																				
	After Aging Tensile Strength(Mpa)	≥ 8.0																																				
Elongation(%)	≥ 100																																					
Cold bend(-20±2,C x4h)	8xCable O.D No visible cracks																																					
Electrical Characteristics (20,C)	1.O-25O.OMHz Impedance (o)	100±15																																				
	1.O-25O.OMHz Delay Shew (ns/1 OOm) :S45																																					
	NVP	69%																																				
Capacitance	apacitance (nf/1 OOm) max	5.6																																				
	unbalanced-to-ground capacitance (pf/10Om) max	330																																				
	DC Resistance (o /1 OOm) max	9.38																																				
DC Conductor Resistance Unbalance (%)max		5.0																																				
Sheath	Thickness	0.60±0.05 mm																																				
	External O.D	7.4±0.4mm																																				
	Surface	Clean, Frap, Sations																																				
	Material	CM/LSZH(complies RoHS)																																				
Surface Printing	Color	White																																				
	Letter height	3.0±0.3mm																																				
Color	A. Blue, White-Blue	B. Orange, White-Orange																																				
	C. Green, White-Green	D. Brown, White-Brown																																				
Packing	Wooden Tray & Carton																																					
Wooden Tray dimension	According to the requires																																					
Packring length	500 m																																					
Rip-cord	Yes	Drain wire	Yes																																			

F-UTP Datakabel 4x2xAWG23 Kategori 6

Technical Performance (100m)

Frequency (MHz)	RL ≥dB	ATT ≤dB	NEXT ≥dB	DELAY ≤ns	Frequency (MHz)	PSNEXT ≥dB	ELFEXT ≥dB	PSELFEXT ≥dB
1	20.0	2.03	74.3	570.00	1	72.3	67.8	64.8
4.0	23.0	3.78	65.5	552.00	4.0	63.3	55.8	52.8
8.0	24.5	5.32	60.8	546.73	8.0	58.8	49.7	46.7
10.0	25.0	5.95	59.3	545.38	10.0	57.3	47.8	44.8
16.0	25.0	7.55	56.2	543.00	16.0	54.2	43.7	40.7
20.0	25.0	8.47	54.8	542.05	20.0	52.8	41.8	38.8
25.0	24.3	9.51	53.3	541.20	25.0	41.3	39.8	36.8
31.25	23.6	10.67	51.9	540.44	31.25	49.9	37.9	34.9
62.5	21.5	15.38	47.7	538.55	62.5	45.4	31.9	28.9
100	20.1	19.80	44.3	537.60	100	42.3	27.8	24.8
200	18.0	28.98	39.8	536.54	200	37.8	21.8	18.8
250	17.3	32.85	38.3	53627	250	36.3	19.8	16.8

Product Description:

- Rated temperature: 90,C
- Reference Standard: U L444, UL 1581
- Bare solid copper conductor
- Rohs/REACH complied LSZH Jacket
- Flame Test: IEC60332-1 ,IEC60332-3C
- Installation temperature:-30,C ~+50,C

Application:

- 100Base-TX
- 100Base-T
- 1 OOVG-AnyLAN
- 1 OOOBase-T(Gigabit Ethernet) 1 OOOBase-TX
- ATM
- Noisy Environments