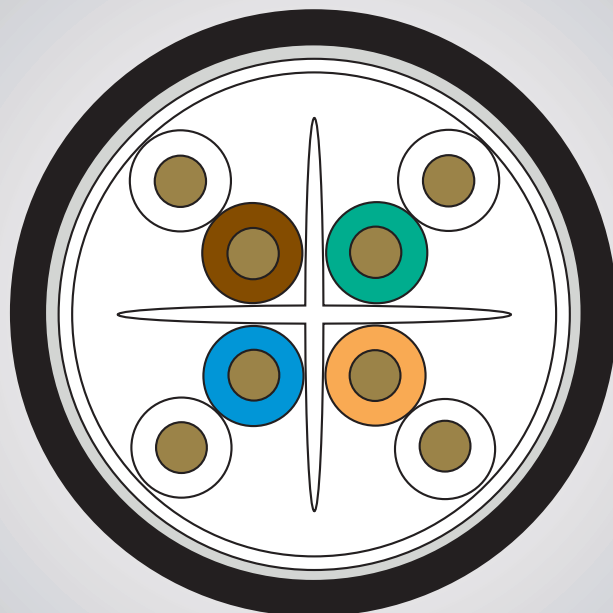


F-UTP Datakabel 4x2xAWG23 Kategori 6



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 bygningerne. Velegnet for direkte nedgravning. Ligeledes velegnet til kameraovervågning udendørs.

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

Specifikation

Kategori: 6 F/UTP

Transmissionshastighed: 1Gbps

Frekvens: 250 Mhz

Impedans: 100 +/- 15 ohm

NVP værdi: 69 %

Antal par: 4 par

Leder: AWG23 massiv kobber

Lederisolation: PE

Kappe: PE

UV-beständig: Ja

Kappefarve: PE, Sort

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																																			
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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="2">Physical Properties</td> <td>Tensile Strength (Mpa)</td> <td>≥ 125</td> </tr> <tr> <td>Elongation(%)</td> <td></td> </tr> <tr> <td></td> <td>Aging Period CC x hrs)</td> <td>100,C X24hX7d</td> </tr> <tr> <td></td> <td>After Aging Tensile Strength(Mpa)</td> <td>≥ 8.0</td> </tr> <tr> <td></td> <td>Elongation(%)</td> <td>≥ 100</td> </tr> <tr> <td></td> <td>Cold bend(-20±2,C x4h) 8xCable O.D</td> <td>No visible cracks</td> </tr> <tr> <td rowspan="2">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></td> <td>NVP</td> <td>69%</td> </tr> <tr> <td></td> <td>apacitance (nf/1 OOm) max</td> <td>5.6</td> </tr> <tr> <td></td> <td>unbalanced-to-ground capacitance (pf/10Om) max</td> <td>330</td> </tr> <tr> <td></td> <td>DC Resistance (o /1 OOm) max</td> <td>9.38</td> </tr> <tr> <td></td> <td>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%		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
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Sheath	Thickness	0.60±0.05 mm																																									
Sheath	External O.D	7.4±0.4mm																																									
	Surface	Clean, Frap, Sations																																									
	Material	CM/LSZH(complies RoHS)																																									
	Color	Shite																																									
Surface Printing	Letter height	3.0±0.3mm																																									
	Color	Black																																									
	Print error & space	≤±0.5% 1m																																									
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																																								

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	536.27	250	36.3	19.8	16.8