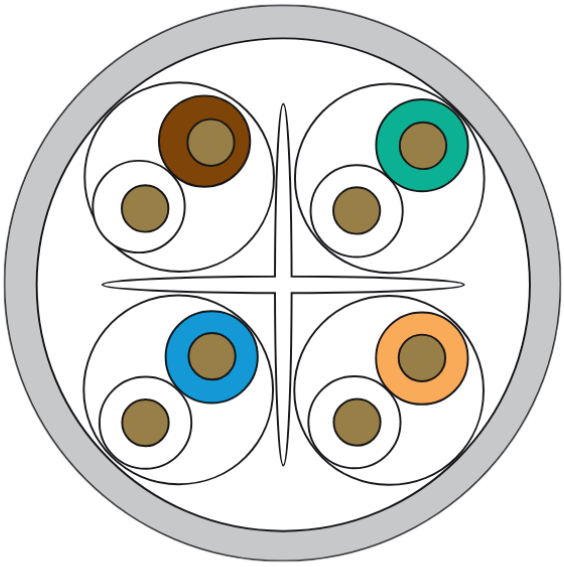
U-UTP DATAKABEL 4X2AWG24 KATEGORI 6



ANVENDELSE

Anvendes i et struktureret kabelsystem mellem krydsfelt og udtag for transmission af tele- og højhastighedsdata.

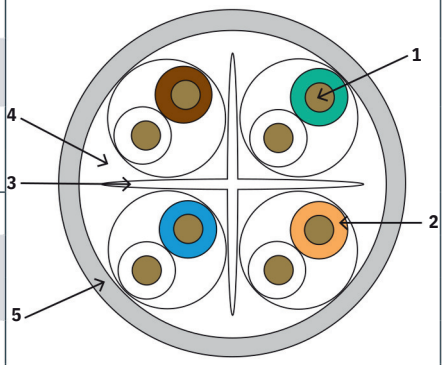
- **Varenr.: 122113**
- **EANnr.: 5706683029400**

SPECIFIKATION

- Kategori: 6 U/UTP
- Transmissionshastighed: 1Gbps
- Frekvens: 250 Mhz
- Impedans: 100 +/- 15 ohm
- NVP værdi: 69 %
- EMC Klasse: B
- CPR: Dca
- DoP dok.: GL-122113
- Antal par: 4 par
- Leder: AWG24 massiv kobber
- Lederisolation: PE
- Kappe: LSZH
- Kappefarve: Hvid
- Standard: EIA/TIA 568B. ISO/IEC 11801. EN50173-2
- Oplægning: Box 305 m

REF: UTP 4 pairs cable - category 6 - 250MHz - C/LSZH Sheath

Shealth Printing	**It will be tinged as customer's requirment with batch produce.**			
C atergor y	UTP/CAT6-4P-LSZH			
Test Standard	ISO/IEC-11801. TIA/EIA 568B YD/T 1019-2001			
1. Conductor	**Material**	**SOLID-BARE Copper**		
	Nom. O.D. (mm)	0.565	Up	+0.0005
			Down	-0.005
2. Instulation	**Material**	**HDPE**		
	Diameter	1.025±0.02mm		
C olor	A. Blue, White-Blue	B. Orange, White-Orange		
	C. Green, White-Green	D. Brown, White-Brown		
3. Rip-cord	Yes	Drainwire	No	
4. Sheath	Thickness	AWG24		
	External O.D	6.3±0.3mm		
	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		
	Carton, pallet	42*42*21cm		
Packing	305 M			
Carton demension				
Packring length				
Sheath Shysical Properties	Before Aging	Tersile Strength (Mpa) ≥13.5		
		Elongation(%)	≥150	
	Aging Period (°C X hrs)	100°C X 24h X 7d		
	After Aging	Tensile Strength (Mpa) ≥12.5		
		Elongation(%)	≥125	
	Cold Bend (-20°C ± 2°C x 4h) No visible cracks			
Electrical Characheristics (20°C)	1.0-100.0 MHz, Characteristic impecance (Ω) 100 ±15			
	1.0-100.0 MHz, Delay Shew 20°C (ns/100m) ≥45			
	DC Resistance 20°C (Ω/100m) max	9.38		
	DC Conductor Resistance Unbalance (%) max 25			
3. Plastic Separator: O.D 4,5mm, Nom thickness: 0.45mm, complies RoHS				



Technical Performance (100m)
(20o)

(MHz)	RL ≥dB	ATT ≤dB	NEXT ≥dB	DELAY ≤ns
1	20.0	1.9	74.0	570.00
4.0	23.0	3.7	65.0	552.00
8.0	24.5	5.3	60.7	546.73
10.0	25.0	5.9	59.0	545.38
16.0	25.0	7.5	56.0	543.00
20.0	25.0	8.4	55.0	542.05
25.0	24.3	9.5	53.3	541.20
31.25	23.6	10.6	52.0	540.44
62.5	21.5	15.4	47.0	538.55
100	20.1	19.8	44.0	537.60
200	18.0	29.0	40.0	536.54
250	17.3	32.8	38.0	536.27

(MHz)	PSNEXT ≥dB	ELFEXT ≥dB	PSELFEXT ≥dB
1	72.3	68.0	65.0
4	63.3	56.0	53.0
8	58.8	49.9	46.9
10	57.3	48.0	45.0
16	54.2	43.9	40.9
20	52.8	42.0	39.0
25	51.3	40.0	37.0
31.25	49.9	38.1	35.1
62.5	45.4	32.1	29.1
100	42.3	28.8	25.0
200	37.8	22.0	19.0
250	36.3	20.0	17.0