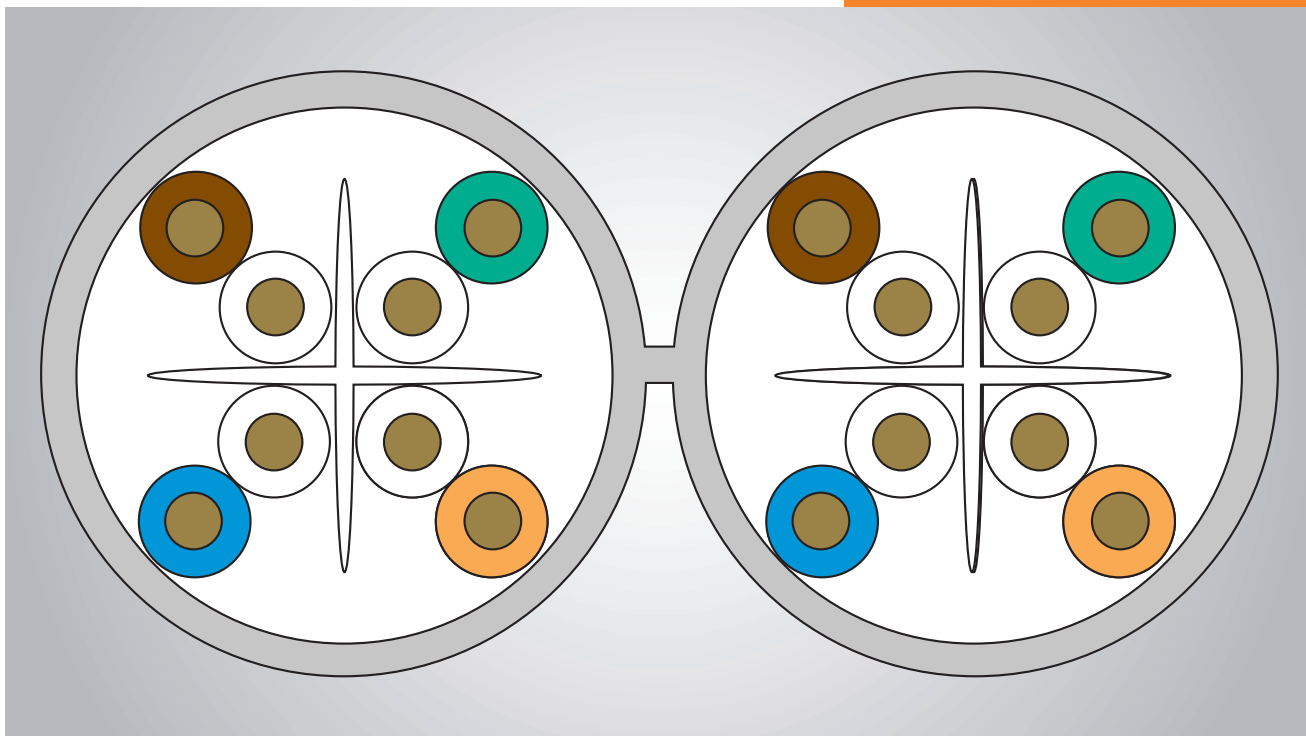


## U-UTP Datakabel 4x2AWG23 Kategori 6



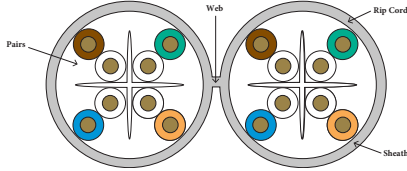
### Anvendelse

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

### Specifikation

**Kategori:** 6 U/UTP  
**Transmissionshastighed:** 1Gbps  
**Frekvens:** 250 Mhz  
**Impedans:** 100 +/- 15 ohm  
**NVP værdi:** 69 %  
**EMC Klasse:** B  
**CPR:** Eca  
**DoP dok.:** GL-122162  
**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

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

Sheath Printing		It will be tinged as customer's requirement with batch produce.																																																																																																																								
Category	UTP/CAT6-4P-LSZH				 <p>Technical Performance (100m) (20°)</p> <table border="1"> <thead> <tr> <th>(MHz)</th> <th>RL ≥dB</th> <th>ATT ≤dB</th> <th>NEXT ≥dB</th> <th>DELAY ≤ns</th> </tr> </thead> <tbody> <tr><td>1</td><td>20.0</td><td>2.03</td><td>74.3</td><td>570.00</td></tr> <tr><td>4.0</td><td>23.0</td><td>3.78</td><td>65.3</td><td>552.00</td></tr> <tr><td>8.0</td><td>24.5</td><td>5.32</td><td>60.8</td><td>546.73</td></tr> <tr><td>10.0</td><td>25.0</td><td>5.95</td><td>59.3</td><td>545.38</td></tr> <tr><td>16.0</td><td>25.0</td><td>7.55</td><td>56.2</td><td>543.00</td></tr> <tr><td>20.0</td><td>25.0</td><td>8.47</td><td>54.8</td><td>542.05</td></tr> <tr><td>25.0</td><td>24.3</td><td>9.51</td><td>53.3</td><td>541.20</td></tr> <tr><td>31.25</td><td>23.6</td><td>10.67</td><td>51.9</td><td>540.44</td></tr> <tr><td>62.5</td><td>21.5</td><td>15.38</td><td>47.7</td><td>538.55</td></tr> <tr><td>100</td><td>20.1</td><td>19.80</td><td>44.3</td><td>537.60</td></tr> <tr><td>200</td><td>18.0</td><td>28.98</td><td>39.8</td><td>536.54</td></tr> <tr><td>250</td><td>17.3</td><td>32.85</td><td>38.3</td><td>536.27</td></tr> </tbody> </table> <table border="1"> <thead> <tr> <th>(MHz)</th> <th>PSNEXT ≥dB</th> <th>ELFEXT ≥dB</th> <th>PSELFEXT ≥dB</th> </tr> </thead> <tbody> <tr><td>1</td><td>72.3</td><td>67.8</td><td>64.8</td></tr> <tr><td>4</td><td>63.3</td><td>55.8</td><td>52.8</td></tr> <tr><td>8</td><td>58.8</td><td>49.7</td><td>46.7</td></tr> <tr><td>10</td><td>57.3</td><td>47.8</td><td>44.8</td></tr> <tr><td>16</td><td>54.2</td><td>43.7</td><td>40.7</td></tr> <tr><td>20</td><td>52.8</td><td>41.8</td><td>38.8</td></tr> <tr><td>25</td><td>41.3</td><td>39.8</td><td>36.8</td></tr> <tr><td>31.25</td><td>49.9</td><td>37.9</td><td>34.9</td></tr> <tr><td>62.5</td><td>45.4</td><td>31.9</td><td>28.9</td></tr> <tr><td>100</td><td>42.3</td><td>27.8</td><td>24.8</td></tr> <tr><td>200</td><td>37.8</td><td>21.8</td><td>18.8</td></tr> <tr><td>250</td><td>36.3</td><td>19.8</td><td>16.8</td></tr> </tbody> </table>	(MHz)	RL ≥dB	ATT ≤dB	NEXT ≥dB	DELAY ≤ns	1	20.0	2.03	74.3	570.00	4.0	23.0	3.78	65.3	552.00	8.0	24.5	5.32	60.8	546.73	10.0	25.0	5.95	59.3	545.38	16.0	25.0	7.55	56.2	543.00	20.0	25.0	8.47	54.8	542.05	25.0	24.3	9.51	53.3	541.20	31.25	23.6	10.67	51.9	540.44	62.5	21.5	15.38	47.7	538.55	100	20.1	19.80	44.3	537.60	200	18.0	28.98	39.8	536.54	250	17.3	32.85	38.3	536.27	(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	41.3	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	24.8	200	37.8	21.8	18.8	250	36.3	19.8	16.8
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Test Standard	ISO/IEC-11801. TIA/EIA 568B YD/T 1019-2001																																																																																																																									
1. Conductor	<b>Material</b>	<b>SOLID-BARE Copper</b>																																																																																																																								
	Nom. O.D. (mm)	0.565	Up +0.005	Down -0.005																																																																																																																						
2. Insulation	<b>Material</b>	<b>HDPE</b>																																																																																																																								
	Diameter	1.02±0.04mm																																																																																																																								
Color	A. Blue, White-Blue	B. Orange, White-Orange																																																																																																																								
	C. Green, White-Green	D. Brown, White-Brown																																																																																																																								
3. Rip-cord	Yes	Drainwire	No																																																																																																																							
	Thickness	1.55±0.05 mm																																																																																																																								
4. Sheath	External O.D	(6.4/13.0)±0.4mm Clean,																																																																																																																								
	Surface	Frap, Satons LSZH																																																																																																																								
	Material	(RoHS Complied)																																																																																																																								
	Color	Multiple																																																																																																																								
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	Letter height	3.0±0.3mm																																																																																																																								
Surface Printing	Color	Black																																																																																																																								
	Print error & space	≤±0.5% 1m																																																																																																																								
Packing	Drum in Carton																																																																																																																									
Carton demension																																																																																																																										
Packring length	500 M																																																																																																																									
Sheath Shysical Properties	Before Aging	Tersile Strength (Mpa)	≥10.0																																																																																																																							
		Elongation(%)	≥125																																																																																																																							
	Aging Period (°C X hrs)	100°C X 24h X 7d																																																																																																																								
		After Aging	Tensile Strength (Mpa)	≥8.0																																																																																																																						
	Elongation(%)		≥100																																																																																																																							
	Cold Bend (-20°C ± 2°C x 4h) No visible cracks																																																																																																																									
Electrical Characheristics (20°C)	1.0-250.0 MHz, Characteristic impeacance (Ω) 100 ±15																																																																																																																									
	1.0-250.0 MHz, Delay Shew 20°C (ns/100m) ≥45																																																																																																																									
	DC Resistance 20°C (Ω/100m) max	9.38																																																																																																																								
	DC Conductor Resistance Unbalance (%) max 5.0																																																																																																																									