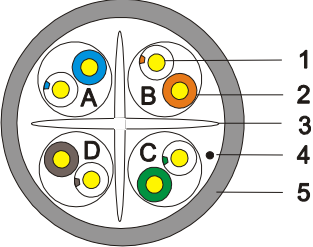



REF: UTP 4 pairs cable - Category 6 - 250MHz – LSOH Sheath

Sheath Printing																																																																										
Category	UTP/CAT6-4P-LSOH BCCA(35% Copper,68% Conductivity)																																																																									
Test Standard	ISO/IEC11801 、TIA/EIA-568-C.2 、YD/T1019				Technical Performance (FLUKE Link 90m±3m): <table border="1"> <thead> <tr> <th>Frequency (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>					Frequency (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
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	Nom. O.D. (mm)	0.57 23AWG	Up Down	+0.015 -0.015																																																																						
2. Insulation	Material	HDPE																																																																								
	Diameter	1.04±0.04mm																																																																								
Color	A.Blue, White-Blue	B.Orange,White-Orange																																																																								
	C.Green,White-Green	D.Brown, White-Brown																																																																								
3.Plastic Separator	O.D 4.5mm, Nom thickness : 0.45mm, complies RoHS																																																																									
4. Rip-cord	Yes	Drain wire	No																																																																							
5. Sheath	Thickness	0.55±0.05 mm																																																																								
	External O.D.	6.4±0.3 mm																																																																								
	Surface	Clean,Frap,Satiation																																																																								
	Material	LSOH RoHS compliant																																																																								
	Color	Multiple																																																																								
Surface Printing	Letter height	3.0±0.3mm																																																																								
	Color	Black																																																																								
	Print error & Space	≤0.5% · 1m																																																																								
Packing	Carton, pallet																																																																									
Carton Size	42*42*21cm																																																																									
Packing length	305±1.5m																																																																									
Sheath Physical Properties	Before Aging	Tensile Strength (Mpa)	≥10																																																																							
		Elongation (%)	≥125																																																																							
	Aging Period (°C×hrs)	100°C×24h×7d																																																																								
	After Aging	Tensile Strength (Mpa)	≥8																																																																							
	Elongation (%)	≥100																																																																								
	Cold bend (-20±2°C×4h)	No visible cracks																																																																								
Electrical Characteristics (20°C)	1.0-250.0MHz, Characteristic impedance (Ω) 100±15																																																																									
	1.0-250.0MHz, Delay Shew 20°C (ns/100m) ≤45																																																																									
	DC Resistance 20°C (Ω/100m) max 11.3																																																																									
	DC Conductor Resistance Unbalance (%)max 5.0																																																																									