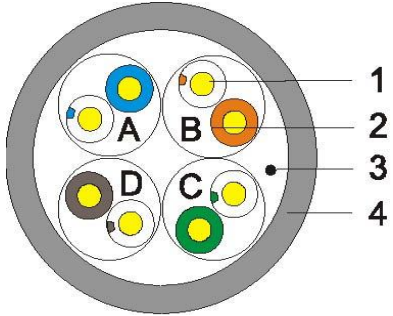


**REF : UTP 4 pairs cable - category 5e - 100MHz - LSOH Sheath**


Sheath Printing																																																																
Category	UTP/CAT5e-4P-LSOH Bare Copper																																																															
Test Standard	TIA/EIA 568C.2 YD/T1019																																																															
1. Conductor	Material	Stranded Bare Copper																																																														
	Nom. (mm)	26AWG 7/0.16mm	Up	+0.015						Down	-0.015																																																					
2. Insulation	Material	HDPE																																																														
	Diameter	0.90±0.02mm																																																														
Color	A.Blue, White-Blue	B.Orange,White-Orange																																																														
	C.Green,White-Green	D.Brown, White-Brown																																																														
3. Rip-cord	Yes	Drain wire	No		<b>Technical Performance(FLUKE L ink 90m±3m):</b> <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>2.0</td><td>65.3</td><td>570.00</td></tr> <tr><td>4.0</td><td>23.0</td><td>4.1</td><td>56.3</td><td>552.00</td></tr> <tr><td>8.0</td><td>24.5</td><td>5.8</td><td>51.8</td><td>546.73</td></tr> <tr><td>10.0</td><td>25.0</td><td>6.5</td><td>50.3</td><td>545.38</td></tr> <tr><td>16.0</td><td>25.0</td><td>8.2</td><td>47.2</td><td>543.00</td></tr> <tr><td>20.0</td><td>25.0</td><td>9.3</td><td>45.8</td><td>542.05</td></tr> <tr><td>25.0</td><td>24.3</td><td>10.4</td><td>44.3</td><td>541.20</td></tr> <tr><td>31.25</td><td>23.6</td><td>11.7</td><td>42.9</td><td>540.44</td></tr> <tr><td>62.5</td><td>21.5</td><td>17.0</td><td>38.4</td><td>538.55</td></tr> <tr><td>100</td><td>20.1</td><td>22.0</td><td>35.3</td><td>537.60</td></tr> </tbody> </table>					Frequency (MHz)	RL ≥dB	ATT ≤dB	NEXT ≥dB	DELAY ≤ns	1	20.0	2.0	65.3	570.00	4.0	23.0	4.1	56.3	552.00	8.0	24.5	5.8	51.8	546.73	10.0	25.0	6.5	50.3	545.38	16.0	25.0	8.2	47.2	543.00	20.0	25.0	9.3	45.8	542.05	25.0	24.3	10.4	44.3	541.20	31.25	23.6	11.7	42.9	540.44	62.5	21.5	17.0	38.4	538.55	100	20.1	22.0	35.3	537.60
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100	20.1	22.0	35.3	537.60																																																												
4. Sheath	Thickness	0.50±0.05 mm			1	20.0	2.0	65.3	570.00																																																							
	External O.D.	5.0±0.3 mm			4.0	23.0	4.1	56.3	552.00																																																							
	Surface	Clean, Frap, Satiation			8.0	24.5	5.8	51.8	546.73																																																							
	Material	LSOH(complies RoHS)			10.0	25.0	6.5	50.3	545.38																																																							
	Color	Gray			16.0	25.0	8.2	47.2	543.00																																																							
Surface Printing	Letter height	3.0±0.3mm			20.0	25.0	9.3	45.8	542.05																																																							
	Color	Black			25.0	24.3	10.4	44.3	541.20																																																							
	Print error & Space	≤±0.5% · 1m			31.25	23.6	11.7	42.9	540.44																																																							
Packing	Carton, pallet				62.5	21.5	17.0	38.4	538.55																																																							
Carton dimension	According to inquiry				100	20.1	22.0	35.3	537.60																																																							
Packing length	100±1.5m				Frequency (MHz)	PSNEXT ≥dB	ELFEXT ≥dB	PSELFEXT ≥dB																																																								
Sheath Physical Properties	Before Aging	Tensile Strength (Mpa)	≥10		1	62.3	64.0	61.0																																																								
		Elongation (%)	≥125		4	53.3	52.0	49.0																																																								
	Aging Period (°C×hrs)	100°C×24h×7d			8	48.8	45.9	42.9																																																								
	After Aging	Tensile Strength (Mpa)	≥8		10	47.3	44.0	41.0																																																								
		Elongation (%)	≥100		16	44.4	39.9	36.9																																																								
	Cold bend (-20±2°C×4h)	No visible cracks			20	42.8	38.0	35.0																																																								
Electrical Characteristics (20°C)	1.0-100.0MHz, Characteristic impedance (Ω)	100±15			25	41.3	35.8	33.0																																																								
	1.0-100.0MHz, Delay Shew 20°C (ns/100m)	≤45			31.25	39.9	34.1	31.1																																																								
	DC Resistance 20°C (Ω/100m) max	14.2			62.5	35.4	28.1	25.1																																																								
	DC Conductor Resistance Unbalance (%)max	5.0			100	32.3	24.0	21.0																																																								