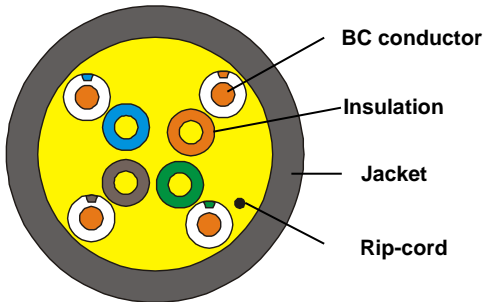


U/UTP ZST 4 pairs cable – CAT5e - PE Sheath

P/N: K5804

Content of the Data Sheet																																																																																																												
Sheath Printing	TBD																																																																																																											
Customer No.		Customer Reference																																																																																																										
Category	U/UTP ZST CAT5e-4P-PE																																																																																																											
Reference Standard	ISO/IEC11801、TIA- 568-C.2																																																																																																											
1. Conductor	Material	SOLID-Bare Copper																																																																																																										
	Nom. O.D. (mm)	0.490	Up	+0.005	Down	-0.005																																																																																																						
2. Insulation	Material	HDPE																																																																																																										
	Diameter	0.96±0.05mm																																																																																																										
Color	A.Blue, White-Blue	B.Orange,White-Orange																																																																																																										
	C.Green,White-Green	D.Brown, White-Brown																																																																																																										
3. Rip-cord	Yes	Drain wire	No																																																																																																									
4. Sheath	Thickness	0.55±0.05 mm																																																																																																										
	External O.D.	5.5±0.5 mm																																																																																																										
	Surface	Clean,Frap,Satiation																																																																																																										
	Material	LDPE (complies RoHS)																																																																																																										
	Color	Black																																																																																																										
Surface Printing	Letter height	3.0±0.3mm																																																																																																										
	Color	White																																																																																																										
	Print error & Space	≤±0.5%, 1m																																																																																																										
Packing	Carton, pallet																																																																																																											
Carton dimension	According to the requires																																																																																																											
Packing length	305±1.5m																																																																																																											
Sheath Physical Properties	Before Aging	Tensile Strength (Mpa)	≥10.0																																																																																																									
		Elongation (%)	≥350																																																																																																									
	Aging Period (°C×hrs)	100°C×24h×10d																																																																																																										
	After Aging	Elongation (%)	≥300																																																																																																									
		Cold bend (-20±2°C×4h)	No visible cracks																																																																																																									
Electrical Characteristics (20°C)	1.0-100.0MHz, Characteristic impedance (Ω)	100±15																																																																																																										
	1.0-100.0MHz, Delay Skew 20°C(ns/100m)	≤45																																																																																																										
	DC Resistance 20°C(Ω/100m) max	9.5																																																																																																										
	DC Conductor Resistance Unbalance (%)max	5.0																																																																																																										
																																																																																																												
<p>FLUKE Permanent Link Technical Performance</p> <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>19.0</td><td>3.0</td><td>60.0</td><td>521</td></tr> <tr><td>4.0</td><td>19.0</td><td>3.9</td><td>54.8</td><td>504</td></tr> <tr><td>8.0</td><td>19.0</td><td>5.5</td><td>50.0</td><td>500</td></tr> <tr><td>10.0</td><td>19.0</td><td>6.2</td><td>48.5</td><td>498</td></tr> <tr><td>16.0</td><td>19.0</td><td>7.9</td><td>45.2</td><td>496</td></tr> <tr><td>20.0</td><td>19.0</td><td>8.9</td><td>43.7</td><td>495</td></tr> <tr><td>25.0</td><td>18.0</td><td>10.0</td><td>42.1</td><td>495</td></tr> <tr><td>31.25</td><td>17.1</td><td>11.2</td><td>40.5</td><td>494</td></tr> <tr><td>62.5</td><td>14.1</td><td>16.2</td><td>35.7</td><td>492</td></tr> <tr><td>100</td><td>12.0</td><td>21.0</td><td>32.3</td><td>491</td></tr> </tbody> </table> <table border="1"> <thead> <tr> <th>Frequency (MHz)</th> <th>PSNEXT (≥dB)</th> <th>ELFEXT (≥dB)</th> <th>PSELFEXT (≥dB)</th> </tr> </thead> <tbody> <tr><td>1</td><td>57.0</td><td>58.6</td><td>55.6</td></tr> <tr><td>4</td><td>51.8</td><td>46.6</td><td>43.6</td></tr> <tr><td>8</td><td>47.0</td><td>40.6</td><td>37.5</td></tr> <tr><td>10</td><td>45.5</td><td>38.6</td><td>35.6</td></tr> <tr><td>16</td><td>42.2</td><td>34.5</td><td>31.5</td></tr> <tr><td>20</td><td>40.7</td><td>32.6</td><td>29.6</td></tr> <tr><td>25</td><td>39.1</td><td>30.7</td><td>27.7</td></tr> <tr><td>31.25</td><td>37.5</td><td>28.7</td><td>25.7</td></tr> <tr><td>62.5</td><td>32.7</td><td>22.7</td><td>19.7</td></tr> <tr><td>100</td><td>29.3</td><td>18.6</td><td>15.6</td></tr> </tbody> </table>										Frequency (MHz)	RL (≥dB)	ATT (≤dB)	NEXT (≥dB)	DELAY (≤ns)	1	19.0	3.0	60.0	521	4.0	19.0	3.9	54.8	504	8.0	19.0	5.5	50.0	500	10.0	19.0	6.2	48.5	498	16.0	19.0	7.9	45.2	496	20.0	19.0	8.9	43.7	495	25.0	18.0	10.0	42.1	495	31.25	17.1	11.2	40.5	494	62.5	14.1	16.2	35.7	492	100	12.0	21.0	32.3	491	Frequency (MHz)	PSNEXT (≥dB)	ELFEXT (≥dB)	PSELFEXT (≥dB)	1	57.0	58.6	55.6	4	51.8	46.6	43.6	8	47.0	40.6	37.5	10	45.5	38.6	35.6	16	42.2	34.5	31.5	20	40.7	32.6	29.6	25	39.1	30.7	27.7	31.25	37.5	28.7	25.7	62.5	32.7	22.7	19.7	100	29.3	18.6	15.6
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