



Cat5e - UTP - STRANDED - PVC

Category	U/UTP CAT5E-4P-PVC																																																																																																				
Reference	ISO/IEC 11801 TIA-568-C.2																																																																																																				
CPR Classification	Fca																																																																																																				
Material	Stranded - 100% copper	<p>Technical performance (<30m):</p> <table border="1"> <thead> <tr> <th>Frequency (Mhz)</th> <th>RL ≥dB</th> <th>ATT ≤dB</th> <th>NEXT ≥dB</th> <th>Phase 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>4.0</td><td>51.8</td><td>46.6</td><td>43.6</td></tr> <tr><td>8.0</td><td>47.0</td><td>40.6</td><td>37.5</td></tr> <tr><td>10.0</td><td>45.5</td><td>38.6</td><td>35.6</td></tr> <tr><td>16.0</td><td>42.2</td><td>34.5</td><td>31.5</td></tr> <tr><td>20.0</td><td>40.7</td><td>32.6</td><td>29.6</td></tr> <tr><td>25.0</td><td>39.1</td><td>30.7</td><td>37.7</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	Phase 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	4.0	51.8	46.6	43.6	8.0	47.0	40.6	37.5	10.0	45.5	38.6	35.6	16.0	42.2	34.5	31.5	20.0	40.7	32.6	29.6	25.0	39.1	30.7	37.7	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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Shielding class	UTP																																																																																																				
AWG	26																																																																																																				
Diameter cable	4,7 mm																																																																																																				
Length	50m																																																																																																				
Transfer frequency	100.0 MHz																																																																																																				
Bending radius	8x Diameter cable																																																																																																				
Tensile Strength (Mpa)	≥ 12.5																																																																																																				
Type of cable sheathing	PVC																																																																																																				
Color	Grey																																																																																																				
Core color	1 - Blue/ White-Blue																																																																																																				
	2 - Orange/ White-Orange																																																																																																				
	3 - Green/ White-Green																																																																																																				
	4 - Brown/ White-Brown																																																																																																				
Rip-cord	Yes																																																																																																				
Packing	Pull box																																																																																																				