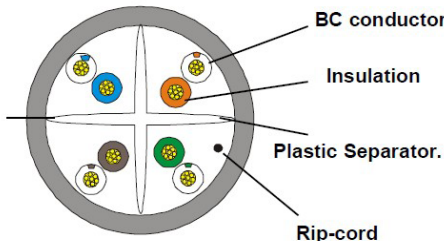


Cat6 - UTP - STRANDED - PVC

Category	U/UTP CAT6-4P-PVC																																																																		
Reference	ISO/IEC 11801 TIA-568-C.2																																																																		
CPR Classification	Fca																																																																		
Material	Stranded - 100% copper																																																																		
Shielding class	UTP	Technical performance (<30m):																																																																	
AWG	26	<table><tr><th>Frequency (Mhz)</th><th>RL ≥dB</th><th>ATT ≤dB</th><th>NEXT ≥dB</th><th>Phase DELAY ≤ns</th></tr><tr><td>1</td><td>19.1</td><td>3.0</td><td>65.0</td><td>521</td></tr><tr><td>4.0</td><td>21.0</td><td>3.5</td><td>64.1</td><td>504</td></tr><tr><td>8.0</td><td>21.0</td><td>5.0</td><td>59.4</td><td>500</td></tr><tr><td>10.0</td><td>21.0</td><td>5.5</td><td>57.8</td><td>498</td></tr><tr><td>16.0</td><td>20.0</td><td>7.0</td><td>54.6</td><td>496</td></tr><tr><td>20.0</td><td>19.5</td><td>7.9</td><td>53.1</td><td>495</td></tr><tr><td>25.0</td><td>19.0</td><td>8.9</td><td>51.5</td><td>495</td></tr><tr><td>31.25</td><td>18.5</td><td>10.0</td><td>50.0</td><td>494</td></tr><tr><td>62.5</td><td>16.0</td><td>14.4</td><td>45.1</td><td>492</td></tr><tr><td>100</td><td>14.0</td><td>18.6</td><td>41.8</td><td>491</td></tr><tr><td>200</td><td>11.0</td><td>27.4</td><td>36.9</td><td>490</td></tr><tr><td>250</td><td>10.0</td><td>31.1</td><td>35.3</td><td>490</td></tr></table>	Frequency (Mhz)	RL ≥dB	ATT ≤dB	NEXT ≥dB	Phase DELAY ≤ns	1	19.1	3.0	65.0	521	4.0	21.0	3.5	64.1	504	8.0	21.0	5.0	59.4	500	10.0	21.0	5.5	57.8	498	16.0	20.0	7.0	54.6	496	20.0	19.5	7.9	53.1	495	25.0	19.0	8.9	51.5	495	31.25	18.5	10.0	50.0	494	62.5	16.0	14.4	45.1	492	100	14.0	18.6	41.8	491	200	11.0	27.4	36.9	490	250	10.0	31.1	35.3	490
Frequency (Mhz)	RL ≥dB	ATT ≤dB	NEXT ≥dB	Phase DELAY ≤ns																																																															
1	19.1	3.0	65.0	521																																																															
4.0	21.0	3.5	64.1	504																																																															
8.0	21.0	5.0	59.4	500																																																															
10.0	21.0	5.5	57.8	498																																																															
16.0	20.0	7.0	54.6	496																																																															
20.0	19.5	7.9	53.1	495																																																															
25.0	19.0	8.9	51.5	495																																																															
31.25	18.5	10.0	50.0	494																																																															
62.5	16.0	14.4	45.1	492																																																															
100	14.0	18.6	41.8	491																																																															
200	11.0	27.4	36.9	490																																																															
250	10.0	31.1	35.3	490																																																															
Diameter cable	5,4 mm	<table><tr><th>Frequency (Mhz)</th><th>PSNEXT ≥dB</th><th>ELFEXT ≤dB</th><th>PSELFEXT ≥dB</th></tr><tr><td>1</td><td>62.0</td><td>64.2</td><td>61.2</td></tr><tr><td>4.0</td><td>61.8</td><td>52.1</td><td>49.1</td></tr><tr><td>8.0</td><td>57.0</td><td>46.1</td><td>43.1</td></tr><tr><td>10.0</td><td>55.5</td><td>44.2</td><td>41.2</td></tr><tr><td>16.0</td><td>52.2</td><td>40.1</td><td>37.1</td></tr><tr><td>20.0</td><td>50.7</td><td>38.2</td><td>35.2</td></tr><tr><td>25.0</td><td>49.1</td><td>36.2</td><td>33.2</td></tr><tr><td>31.25</td><td>47.5</td><td>34.3</td><td>31.3</td></tr><tr><td>62.5</td><td>42.7</td><td>28.3</td><td>25.3</td></tr><tr><td>100</td><td>39.3</td><td>24.2</td><td>21.2</td></tr><tr><td>200</td><td>34.3</td><td>18.2</td><td>15.2</td></tr><tr><td>250</td><td>32.7</td><td>16.2</td><td>13.2</td></tr></table>	Frequency (Mhz)	PSNEXT ≥dB	ELFEXT ≤dB	PSELFEXT ≥dB	1	62.0	64.2	61.2	4.0	61.8	52.1	49.1	8.0	57.0	46.1	43.1	10.0	55.5	44.2	41.2	16.0	52.2	40.1	37.1	20.0	50.7	38.2	35.2	25.0	49.1	36.2	33.2	31.25	47.5	34.3	31.3	62.5	42.7	28.3	25.3	100	39.3	24.2	21.2	200	34.3	18.2	15.2	250	32.7	16.2	13.2													
Frequency (Mhz)	PSNEXT ≥dB		ELFEXT ≤dB	PSELFEXT ≥dB																																																															
1	62.0		64.2	61.2																																																															
4.0	61.8		52.1	49.1																																																															
8.0	57.0		46.1	43.1																																																															
10.0	55.5		44.2	41.2																																																															
16.0	52.2		40.1	37.1																																																															
20.0	50.7		38.2	35.2																																																															
25.0	49.1		36.2	33.2																																																															
31.25	47.5		34.3	31.3																																																															
62.5	42.7		28.3	25.3																																																															
100	39.3		24.2	21.2																																																															
200	34.3		18.2	15.2																																																															
250	32.7		16.2	13.2																																																															
Length	50m																																																																		
Transfer frequency	250.0 MHz																																																																		
Bending radius	8x Diameter cable																																																																		
Tensile Strength (Mpa)	≥ 12.5																																																																		
Type of cable sheathing	PVC																																																																		
Color	Grey																																																																		
Core Color	1 - White-Blue/ Blue																																																																		
	2 - White-Orange/ Orange																																																																		
	3 - White-Green/ Green																																																																		
	4 - White-Brown/ Brown																																																																		
Rip-cord	Yes																																																																		
Packing	Pull box																																																																		