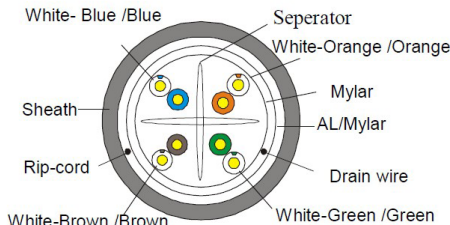


## Cat6 - FTP - SOLID - LSZH

Category	F/UTP CAT6-4P-LSZH																																																																																																																																								
Reference	ISO/IEC 11801 TIA-568-C.2																																																																																																																																								
CPR Classification	Eca																																																																																																																																								
Material	Solid - 100% copper	<table><tr><th colspan="5">Technical performance (100m):</th></tr><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>20.0</td><td>-</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><tr><th>Frequency (Mhz)</th><th>PSNEXT ≥dB</th><th>ELFEXT ≤dB</th><th>PSELFEXT ≥dB</th><th></th></tr><tr><td>1</td><td>72.3</td><td>67.8</td><td>64.8</td><td></td></tr><tr><td>4.0</td><td>63.3</td><td>55.8</td><td>52.8</td><td></td></tr><tr><td>8.0</td><td>58.8</td><td>49.7</td><td>46.7</td><td></td></tr><tr><td>10.0</td><td>57.3</td><td>47.8</td><td>44.8</td><td></td></tr><tr><td>16.0</td><td>54.2</td><td>43.7</td><td>40.7</td><td></td></tr><tr><td>20.0</td><td>52.8</td><td>41.8</td><td>38.8</td><td></td></tr><tr><td>25.0</td><td>51.3</td><td>39.8</td><td>36.8</td><td></td></tr><tr><td>31.25</td><td>49.9</td><td>37.9</td><td>34.9</td><td></td></tr><tr><td>62.5</td><td>45.4</td><td>31.9</td><td>28.9</td><td></td></tr><tr><td>100</td><td>42.3</td><td>27.8</td><td>24.8</td><td></td></tr><tr><td>200</td><td>37.8</td><td>21.8</td><td>18.8</td><td></td></tr><tr><td>250</td><td>36.3</td><td>19.8</td><td>16.8</td><td></td></tr></table>	Technical performance (100m):					Frequency (Mhz)	RL ≥dB	ATT ≤dB	NEXT ≥dB	Phase DELAY ≤ns	1	20.0	-	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	Frequency (Mhz)	PSNEXT ≥dB	ELFEXT ≤dB	PSELFEXT ≥dB		1	72.3	67.8	64.8		4.0	63.3	55.8	52.8		8.0	58.8	49.7	46.7		10.0	57.3	47.8	44.8		16.0	54.2	43.7	40.7		20.0	52.8	41.8	38.8		25.0	51.3	39.8	36.8		31.25	49.9	37.9	34.9		62.5	45.4	31.9	28.9		100	42.3	27.8	24.8		200	37.8	21.8	18.8		250	36.3	19.8	16.8	
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Shielding class	FTP																																																																																																																																								
AWG	23																																																																																																																																								
Diameter cable	7,4 mm																																																																																																																																								
Length	100m																																																																																																																																								
Transfer frequency	250.0 MHz																																																																																																																																								
Bending radius	8x Diameter cable																																																																																																																																								
Tensile Strength (Mpa)	≥ 12.5																																																																																																																																								
Type of cable sheathing	LSZH																																																																																																																																								
Color	Blue																																																																																																																																								
Core color	1 - White-Blue/ Blue																																																																																																																																								
	2 - White-Orange/ Orange																																																																																																																																								
	3 - White-Green/ Green																																																																																																																																								
	4 - White-Brown/ Brown																																																																																																																																								
Rip-cord	Yes																																																																																																																																								
Packing	Pull box																																																																																																																																								