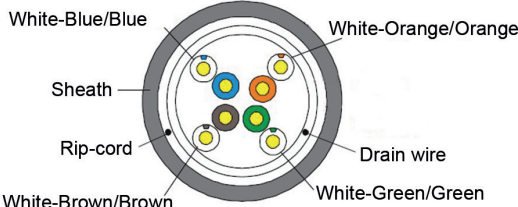


Cat5e - FTP - Solid - LSZH

Category	F/UTP CAT5E-4P-LSZH																																																																																																				
Reference	ISO/IEC 11801 TIA-568-C.2																																																																																																				
CPR Classification	Eca																																																																																																				
Material	Solid - 100% copper	<p>Technical performance (100m):</p> <table border="1"> <thead> <tr> <th>Frequency (Mhz)</th> <th>RL \geqdB</th> <th>ATT \leqdB</th> <th>NEXT \geqdB</th> <th>Phase DELAY \leqns</th> </tr> </thead> <tbody> <tr><td>1</td><td>20.0</td><td>-</td><td>65.3</td><td>570.00</td></tr> <tr><td>4</td><td>23.0</td><td>4.1</td><td>56.3</td><td>552.00</td></tr> <tr><td>8</td><td>24.5</td><td>5.8</td><td>51.8</td><td>546.73</td></tr> <tr><td>10</td><td>25.0</td><td>6.5</td><td>50.3</td><td>545.38</td></tr> <tr><td>16</td><td>25.0</td><td>8.2</td><td>47.2</td><td>543.00</td></tr> <tr><td>20</td><td>25.0</td><td>9.3</td><td>45.8</td><td>542.05</td></tr> <tr><td>25</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> <table border="1"> <thead> <tr> <th>Frequency (Mhz)</th> <th>PSNEXT \geqdB</th> <th>ELFEXT \leqdB</th> <th>PSELFEXT \geqdB</th> </tr> </thead> <tbody> <tr><td>1</td><td>62.3</td><td>63.8</td><td>60.8</td></tr> <tr><td>4</td><td>53.3</td><td>51.8</td><td>48.8</td></tr> <tr><td>8</td><td>48.8</td><td>45.7</td><td>42.7</td></tr> <tr><td>10</td><td>47.3</td><td>43.8</td><td>40.8</td></tr> <tr><td>16</td><td>44.4</td><td>39.7</td><td>36.7</td></tr> <tr><td>20</td><td>42.8</td><td>37.8</td><td>34.8</td></tr> <tr><td>25</td><td>41.3</td><td>35.8</td><td>32.8</td></tr> <tr><td>31.25</td><td>39.9</td><td>33.9</td><td>30.9</td></tr> <tr><td>62.5</td><td>35.4</td><td>27.9</td><td>24.9</td></tr> <tr><td>100</td><td>32.3</td><td>23.8</td><td>20.8</td></tr> </tbody> </table>	Frequency (Mhz)	RL \geq dB	ATT \leq dB	NEXT \geq dB	Phase DELAY \leq ns	1	20.0	-	65.3	570.00	4	23.0	4.1	56.3	552.00	8	24.5	5.8	51.8	546.73	10	25.0	6.5	50.3	545.38	16	25.0	8.2	47.2	543.00	20	25.0	9.3	45.8	542.05	25	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	Frequency (Mhz)	PSNEXT \geq dB	ELFEXT \leq dB	PSELFEXT \geq dB	1	62.3	63.8	60.8	4	53.3	51.8	48.8	8	48.8	45.7	42.7	10	47.3	43.8	40.8	16	44.4	39.7	36.7	20	42.8	37.8	34.8	25	41.3	35.8	32.8	31.25	39.9	33.9	30.9	62.5	35.4	27.9	24.9	100	32.3	23.8	20.8
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Shielding class	FTP																																																																																																				
AWG	24																																																																																																				
Diameter cable	6,2 mm																																																																																																				
Length	50m																																																																																																				
Transfer frequency	100.0 MHz																																																																																																				
Bending radius	8x Diameter cable																																																																																																				
Tensile Strength (Mpa)	≥ 10.0																																																																																																				
Type of cable sheathing	LSZH																																																																																																				
Color	Blue																																																																																																				
Core color	1 - White-Blue/ Blue																																																																																																				
	2 - White-Orange/ Orange																																																																																																				
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Rip-cord	Yes																																																																																																				
Packing	Reel																																																																																																				