



## Cat6A - SFTP - SOLID - LSZH

Category	S/FTP CAT6A-4P-LSZH-AM30																																																																																																																																								
Reference	ISO/IEC 11801 TIA-568-C.2																																																																																																																																								
CPR Classification	Eca																																																																																																																																								
Material	Solid - 100% copper	<p><b>Technical performance (100m):</b></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>20.0</td><td>-</td><td>74.3</td><td>570.0</td></tr> <tr><td>4.0</td><td>23.0</td><td>3.8</td><td>65.3</td><td>552.0</td></tr> <tr><td>8.0</td><td>24.5</td><td>5.3</td><td>60.8</td><td>546.7</td></tr> <tr><td>10.0</td><td>25.0</td><td>5.9</td><td>59.3</td><td>545.4</td></tr> <tr><td>16.0</td><td>25.0</td><td>7.5</td><td>56.2</td><td>543.0</td></tr> <tr><td>20.0</td><td>25.0</td><td>8.4</td><td>54.8</td><td>542.1</td></tr> <tr><td>25.0</td><td>24.3</td><td>9.4</td><td>53.3</td><td>541.2</td></tr> <tr><td>31.25</td><td>23.6</td><td>10.5</td><td>51.9</td><td>540.4</td></tr> <tr><td>62.5</td><td>21.5</td><td>15.0</td><td>47.4</td><td>538.6</td></tr> <tr><td>100</td><td>20.1</td><td>19.1</td><td>44.3</td><td>537.6</td></tr> <tr><td>200</td><td>18.0</td><td>27.6</td><td>39.8</td><td>536.5</td></tr> <tr><td>250</td><td>17.3</td><td>31.1</td><td>38.3</td><td>536.3</td></tr> <tr><td>300</td><td>16.8</td><td>34.3</td><td>37.1</td><td>536.1</td></tr> <tr><td>500</td><td>15.2</td><td>45.3</td><td>33.8</td><td>535.6</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>72.3</td><td>67.8</td><td>64.8</td></tr> <tr><td>4.0</td><td>63.3</td><td>55.8</td><td>52.8</td></tr> <tr><td>8.0</td><td>48.8</td><td>49.7</td><td>46.7</td></tr> <tr><td>10.0</td><td>57.3</td><td>47.8</td><td>44.8</td></tr> <tr><td>16.0</td><td>54.2</td><td>43.7</td><td>40.7</td></tr> <tr><td>20.0</td><td>52.8</td><td>41.8</td><td>38.8</td></tr> <tr><td>25.0</td><td>51.3</td><td>39.8</td><td>36.8</td></tr> <tr><td>31.25</td><td>49.9</td><td>37.9</td><td>34.9</td></tr> <tr><td>62.5</td><td>45.4</td><td>31.9</td><td>28.9</td></tr> <tr><td>100</td><td>42.3</td><td>27.8</td><td>24.8</td></tr> <tr><td>200</td><td>37.8</td><td>21.8</td><td>18.8</td></tr> <tr><td>250</td><td>36.3</td><td>19.8</td><td>16.8</td></tr> <tr><td>300</td><td>35.1</td><td>18.3</td><td>15.3</td></tr> <tr><td>500</td><td>31.8</td><td>13.8</td><td>10.8</td></tr> </tbody> </table>	Frequency (Mhz)	RL ≥dB	ATT ≤dB	NEXT ≥dB	DELAY ≤ns	1	20.0	-	74.3	570.0	4.0	23.0	3.8	65.3	552.0	8.0	24.5	5.3	60.8	546.7	10.0	25.0	5.9	59.3	545.4	16.0	25.0	7.5	56.2	543.0	20.0	25.0	8.4	54.8	542.1	25.0	24.3	9.4	53.3	541.2	31.25	23.6	10.5	51.9	540.4	62.5	21.5	15.0	47.4	538.6	100	20.1	19.1	44.3	537.6	200	18.0	27.6	39.8	536.5	250	17.3	31.1	38.3	536.3	300	16.8	34.3	37.1	536.1	500	15.2	45.3	33.8	535.6	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	48.8	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	300	35.1	18.3	15.3	500	31.8	13.8	10.8
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Shielding class	SFTP																																																																																																																																								
AWG	23																																																																																																																																								
Diameter cable	7,5 mm																																																																																																																																								
Length	100m																																																																																																																																								
Transfer frequency	500.0 MHz																																																																																																																																								
Bending radius	8x Diameter kabel																																																																																																																																								
Tensile Strength (Mpa)	≥ 10.0																																																																																																																																								
Type of cable sheathing	LSZH																																																																																																																																								
Color	Blue																																																																																																																																								
Core color	1 - White/ Blue																																																																																																																																								
	2 - White/ Orange																																																																																																																																								
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Rip-cord	Yes																																																																																																																																								
Packing	Pull box																																																																																																																																								