

## Cat6 - FTP - STARR - LSZH

Kategorie	F/UTP CAT6-4P-LSZH																																																																		
Referenz	ISO/IEC 11801 TIA-568-C.2																																																																		
CPR Klasse	Eca																																																																		
Kern	Starr - 100% Kupfer																																																																		
Schirmung	FTP	<b>Technische Leistung (100m):</b>																																																																	
AWG	23	<table><tr><th>Frequenz (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></table>	Frequenz (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
Frequenz (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																																																															
Durchmesser Kabel	7,4 mm																																																																		
Länge	100m																																																																		
Bandbreite	250.0 MHz																																																																		
Biegeradius	8x Diameter kabel																																																																		
Maximale Ziehkraft (Mpa)	≥ 12.5																																																																		
Material Außenmantel	LSZH	<table><tr><th>Frequenz (Mhz)</th><th>PSNEXT ≥dB</th><th>ELFEXT ≤dB</th><th>PSELFEXT ≥dB</th></tr><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>58.8</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></table>	Frequenz (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													
Frequenz (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																																																																
Farbe Außenmantel	Blau																																																																		
Aderfarben	1 - Weiß-Blau/Blau																																																																		
	2 - Weiß-Orange/Orange																																																																		
	3 - Weiß-Grün/Grün																																																																		
	4 - Weiß-Braun/Braun																																																																		
Rip-cord	Integriert																																																																		
Verpackung	Abrollkarton																																																																		