

**НИКИ-КУПсЭфКШнг(А)-FRLS, НИКИ-КУПсЭфКШнг(А)-FRLSLTx**

| Число | Номинальное сечение жил, мм <sup>2</sup> |      |                 |       |       |      |                 |       |       |      |                 |       |       |      |                 |       |       |      |                 |       |       |      |                 |       |       |
|-------|--|------|-----------------|-------|-------|------|-----------------|-------|-------|------|-----------------|-------|-------|------|-----------------|-------|-------|------|-----------------|-------|-------|------|-----------------|-------|-------|
|       | 0.35                                     |      |                 |       | 0.5   |      |                 |       | 0.75  |      |                 |       | 1.0   |      |                 |       | 1.5   |      |                 |       | 2.5   |      |                 |       |       |
|       | d  | m    | V <sub>гм</sub> | Тск   | d     | m    | V <sub>гм</sub> | Тск   | d     | m    | V <sub>гм</sub> | Тск   | d     | m    | V <sub>гм</sub> | Тск   | d     | m    | V <sub>гм</sub> | Тск   | d     | m    | V <sub>гм</sub> | Тск   |       |
| пар   | 1x2                                      | 15.2 | 240             | 0.11  | 2.94  | 15.5 | 250             | 0.11  | 3.04  | 16   | 265             | 0.12  | 3.18  | 16.7 | 283             | 0.13  | 3.43  | 17.7 | 315             | 0.14  | 3.74  | 19   | 364             | 0.15  | 4.11  |
|       | 2x2                                      | 23   | 439             | 0.21  | 5.64  | 23.7 | 461             | 0.22  | 5.86  | 24.6 | 494             | 0.23  | 6.17  | 26   | 533             | 0.25  | 6.74  | 28.5 | 632             | 0.29  | 7.97  | 31   | 739             | 0.33  | 8.85  |
|       | 3x2                                      | 24   | 482             | 0.23  | 6.30  | 24.7 | 508             | 0.24  | 6.56  | 25.8 | 549             | 0.25  | 6.93  | 27.7 | 624             | 0.29  | 8.15  | 29.9 | 713             | 0.33  | 9.03  | 32.6 | 849             | 0.36  | 10.07 |
|       | 4x2                                      | 25.8 | 540             | 0.26  | 7.15  | 26.6 | 573             | 0.27  | 7.46  | 28.2 | 651             | 0.30  | 8.41  | 29.8 | 708             | 0.33  | 9.30  | 32.4 | 816             | 0.37  | 10.36 | 35.4 | 985             | 0.42  | 11.59 |
|       | 5x2                                      | 28.2 | 632             | 0.31  | 8.57  | 29.2 | 672             | 0.32  | 8.94  | 30.5 | 732             | 0.34  | 9.47  | 32.3 | 798             | 0.37  | 10.54 | 35.1 | 925             | 0.42  | 11.76 | 38.5 | 1129            | 0.47  | 13.20 |
|       | 6x2                                      | 30.3 | 699             | 0.34  | 9.52  | 31.3 | 744             | 0.36  | 9.95  | 32.8 | 813             | 0.38  | 10.55 | 34.8 | 890             | 0.42  | 11.79 | 38   | 1036            | 0.47  | 13.19 | 42.2 | 1318            | 0.55  | 15.62 |
|       | 7x2                                      | 30.3 | 720             | 0.35  | 9.92  | 31.3 | 769             | 0.37  | 10.38 | 32.8 | 844             | 0.39  | 11.02 | 34.8 | 926             | 0.43  | 12.37 | 38   | 1085            | 0.49  | 13.87 | 42.2 | 1393            | 0.57  | 16.41 |
|       | 8x2                                      | 32.4 | 786             | 0.38  | 10.88 | 33.5 | 841             | 0.40  | 11.39 | 35.1 | 926             | 0.43  | 12.10 | 37.3 | 1017            | 0.47  | 13.62 | 41.3 | 1239            | 0.56  | 16.06 | 45.4 | 1542            | 0.63  | 18.11 |
|       | 9x2                                      | 35.1 | 868             | 0.42  | 12.01 | 36.4 | 929             | 0.44  | 12.58 | 38.2 | 1025            | 0.47  | 13.39 | 41.1 | 1170            | 0.55  | 15.86 | 45   | 1375            | 0.62  | 17.81 | 49.6 | 1715            | 0.70  | 20.11 |
|       | 10x2                                     | 37.2 | 934             | 0.46  | 12.96 | 38.6 | 1002            | 0.48  | 13.59 | 41   | 1150            | 0.54  | 15.23 | 43.6 | 1265            | 0.59  | 17.15 | 47.9 | 1490            | 0.67  | 19.30 | 52.8 | 1864            | 0.76  | 21.81 |
|       | 11x2                                     | 38.2 | 978             | 0.48  | 13.64 | 40.1 | 1092            | 0.53  | 15.05 | 42.1 | 1207            | 0.56  | 16.03 | 44.9 | 1330            | 0.62  | 18.10 | 49.3 | 1571            | 0.70  | 20.38 | 54.4 | 1976            | 0.80  | 23.05 |
|       | 12x2                                     | 38.2 | 999             | 0.49  | 14.05 | 40.1 | 1117            | 0.54  | 15.48 | 42.1 | 1238            | 0.57  | 16.49 | 44.9 | 1366            | 0.64  | 18.68 | 49.3 | 1620            | 0.72  | 21.06 | 54.4 | 2050            | 0.82  | 23.84 |
|       | 13x2                                     | 40.5 | 1101            | 0.54  | 15.67 | 42   | 1185            | 0.57  | 16.45 | 44.1 | 1315            | 0.61  | 17.53 | 47.1 | 1452            | 0.68  | 19.89 | 51.7 | 1726            | 0.77  | 22.43 | 57.2 | 2190            | 0.87  | 25.42 |
|       | 14x2                                     | 40.5 | 1122            | 0.56  | 16.08 | 42   | 1209            | 0.58  | 16.88 | 44.1 | 1345            | 0.62  | 18.00 | 47.1 | 1488            | 0.69  | 20.47 | 51.7 | 1774            | 0.79  | 23.11 | 57.2 | 2264            | 0.89  | 26.21 |
|       | 15x2                                     | 42.5 | 1189            | 0.59  | 17.05 | 44.1 | 1282            | 0.62  | 17.90 | 46.4 | 1428            | 0.66  | 19.10 | 49.5 | 1581            | 0.74  | 21.74 | 54.5 | 1886            | 0.84  | 24.56 | 60.3 | 2411            | 0.95  | 27.88 |
|       | 16x2                                     | 42.5 | 1210            | 0.60  | 17.46 | 44.1 | 1306            | 0.63  | 18.34 | 46.4 | 1459            | 0.67  | 19.57 | 49.5 | 1617            | 0.75  | 22.33 | 54.5 | 1935            | 0.85  | 25.25 | 60.3 | 2486            | 0.97  | 28.67 |
|       | 17x2                                     | 44.5 | 1278            | 0.63  | 18.45 | 46.3 | 1381            | 0.66  | 19.38 | 48.7 | 1543            | 0.71  | 20.69 | 52   | 1711            | 0.80  | 23.63 | 57.3 | 2050            | 0.91  | 26.73 | 63.5 | 2634            | 1.03  | 30.37 |
|       | 18x2                                     | 44.5 | 1299            | 0.64  | 18.85 | 46.3 | 1405            | 0.68  | 19.81 | 48.7 | 1574            | 0.72  | 21.16 | 52   | 1747            | 0.81  | 24.21 | 57.3 | 2098            | 0.92  | 27.41 | 63.5 | 2709            | 1.05  | 31.16 |
|       | 19x2                                     | 44.5 | 1320            | 0.66  | 19.26 | 46.3 | 1430            | 0.69  | 20.24 | 48.7 | 1604            | 0.74  | 21.63 | 52   | 1783            | 0.83  | 24.80 | 57.3 | 2147            | 0.94  | 28.09 | 63.5 | 2784            | 1.07  | 31.95 |
|       | 20x2                                     | 46.6 | 1389            | 0.69  | 20.25 | 48.4 | 1505            | 0.72  | 21.29 | 51   | 1689            | 0.77  | 22.75 | 54.5 | 1877            | 0.87  | 26.10 | 60.1 | 2261            | 0.99  | 29.57 | 66.7 | 2933            | 1.13  | 33.65 |
|       | 21x2                                     | 46.6 | 1409            | 0.70  | 20.66 | 48.4 | 1529            | 0.74  | 21.73 | 51   | 1719            | 0.79  | 23.22 | 54.5 | 1914            | 0.89  | 26.69 | 60.1 | 2310            | 1.01  | 30.25 | 66.7 | 3007            | 1.15  | 34.44 |
|       | 22x2                                     | 51.4 | 1542            | 0.76  | 22.43 | 53.5 | 1671            | 0.80  | 23.59 | 56.4 | 1875            | 0.86  | 25.22 | 60.4 | 2085            | 0.97  | 28.94 | 66.8 | 2512            | 1.10  | 32.80 | 74.2 | 3255            | 1.26  | 37.35 |
|       | 23x2                                     | 51.4 | 1562            | 0.78  | 22.83 | 53.5 | 1696            | 0.81  | 24.03 | 56.4 | 1906            | 0.87  | 25.69 | 60.4 | 2121            | 0.98  | 29.52 | 66.8 | 2561            | 1.12  | 33.48 | 74.2 | 3330            | 1.28  | 38.14 |
|       | 24x2                                     | 51.4 | 1583            | 0.79  | 23.24 | 53.5 | 1720            | 0.83  | 24.46 | 56.4 | 1937            | 0.89  | 26.16 | 60.4 | 2157            | 1.00  | 30.11 | 66.8 | 2609            | 1.14  | 34.16 | 74.2 | 3405            | 1.30  | 38.93 |
|       | 25x2                                     | 52.5 | 1628            | 0.81  | 23.94 | 54.6 | 1770            | 0.85  | 25.20 | 57.6 | 1994            | 0.91  | 26.96 | 61.7 | 2223            | 1.03  | 31.05 | 68.2 | 2691            | 1.17  | 35.24 | 75.8 | 3516            | 1.34  | 40.18 |
|       | 26x2                                     | 52.5 | 1649            | 0.82  | 24.34 | 54.6 | 1794            | 0.86  | 25.63 | 57.6 | 2025            | 0.92  | 27.43 | 61.7 | 2259            | 1.04  | 31.64 | 68.2 | 2739            | 1.19  | 35.93 | 75.8 | 3591            | 1.36  | 40.97 |
|       | 27x2                                     | 52.5 | 1669            | 0.83  | 24.75 | 54.6 | 1819            | 0.87  | 26.06 | 57.6 | 2056            | 0.94  | 27.90 | 61.7 | 2295            | 1.06  | 32.22 | 68.2 | 2788            | 1.21  | 36.61 | 75.8 | 3666            | 1.38  | 41.76 |
|       | 28x2                                     | 54.3 | 1731            | 0.86  | 25.66 | 56.5 | 1886            | 0.91  | 27.02 | 59.6 | 2133            | 0.97  | 28.93 | 63.8 | 2381            | 1.10  | 33.43 | 70.6 | 2894            | 1.26  | 37.99 | 78.6 | 3804            | 1.44  | 43.33 |
|       | 29x2                                     | 54.3 | 1752            | 0.87  | 26.07 | 56.5 | 1911            | 0.92  | 27.46 | 59.6 | 2163            | 0.99  | 29.40 | 63.8 | 2417            | 1.12  | 34.01 | 70.6 | 2943            | 1.28  | 38.67 | 78.6 | 3879            | 1.46  | 44.12 |
|       | 30x2                                     | 54.3 | 1773            | 0.88  | 26.47 | 56.5 | 1935            | 0.93  | 27.89 | 59.6 | 2194            | 1.00  | 29.87 | 63.8 | 2453            | 1.13  | 34.60 | 70.6 | 2992            | 1.30  | 39.35 | 78.6 | 3954            | 1.48  | 44.92 |
|       | 31x2                                     | 56.3 | 1840            | 0.92  | 27.44 | 58.6 | 2008            | 0.96  | 28.91 | 61.8 | 2287            | 1.04  | 31.13 | 66.3 | 2546            | 1.17  | 35.87 | 73.4 | 3104            | 1.34  | 40.80 | 81.7 | 4100            | 1.54  | 46.59 |
|       | 32x2                                     | 56.3 | 1861            | 0.93  | 27.85 | 58.6 | 2033            | 0.98  | 29.35 | 61.8 | 2307            | 1.05  | 31.44 | 66.3 | 2582            | 1.19  | 36.46 | 73.4 | 3152            | 1.36  | 41.48 | 81.7 | 4175            | 1.56  | 47.38 |
| троек | 1x3                                      | 15.7 | 257             | 0.12  | 3.24  | 16   | 270             | 0.12  | 3.36  | 16.5 | 288             | 0.13  | 3.52  | 17.3 | 310             | 0.14  | 3.85  | 18.4 | 350             | 0.16  | 4.22  | 19.7 | 412             | 0.17  | 4.66  |
|       | 2x3                                      | 24   | 477             | 0.23  | 6.30  | 24.7 | 504             | 0.24  | 6.55  | 25.7 | 544             | 0.25  | 6.92  | 27.6 | 619             | 0.29  | 8.14  | 29.9 | 706             | 0.33  | 9.02  | 32.6 | 843             | 0.36  | 10.06 |
|       | 3x3                                      | 25.1 | 529             | 0.26  | 7.18  | 25.9 | 563             | 0.27  | 7.49  | 27   | 613             | 0.28  | 7.93  | 29   | 700             | 0.33  | 9.37  | 31.4 | 810             | 0.37  | 10.44 | 34.3 | 989             | 0.41  | 11.70 |
|       | 4x3                                      | 27   | 598             | 0.29  | 8.26  | 28.4 | 669             | 0.32  | 9.16  | 29.6 | 733             | 0.34  | 9.71  | 31.3 | 803             | 0.38  | 10.87 | 34.1 | 939             | 0.42  | 12.16 | 37.3 | 1164            | 0.48  | 13.68 |
|       | 5x3                                      | 29.6 | 703             | 0.35  | 9.94  | 30.6 | 754             | 0.36  | 10.40 | 32   | 830             | 0.39  | 11.05 | 33.9 | 912             | 0.43  | 12.44 | 37   | 1074            | 0.48  | 13.96 | 41.1 | 1390            | 0.57  | 16.50 |
|       | 6x3                                      | 31.8 | 781             | 0.39  | 11.13 | 32.9 | 840             | 0.41  | 11.66 | 34.5 | 928             | 0.43  | 12.41 | 36.6 | 1023            | 0.48  | 14.03 | 40.5 | 1254            | 0.57  | 16.53 | 44.5 | 1578            | 0.64  | 18.66 |
|       | 7x3                                      | 31.8 | 810             | 0.40  | 11.74 | 32.9 | 874             | 0.42  | 12.31 | 34.5 | 972             | 0.45  | 13.11 | 36.6 | 1075            | 0.50  | 14.91 | 40.5 | 1324            | 0.59  | 17.55 | 44.5 | 1687            | 0.67  | 19.85 |
|       | 8x3                                      | 34   | 888             | 0.44  | 12.94 | 35.3 | 960             | 0.46  | 13.58 | 37   | 1071            | 0.49  | 14.48 | 39.8 | 1228            | 0.58  | 17.24 | 43.6 | 1465            | 0.65  | 19.43 | 48   | 1876            | 0.74  | 22.01 |
|       | 9x3                                      | 37   | 983             | 0.49  | 14.33 | 38.4 | 1064            | 0.51  | 15.05 | 40.7 | 1230            | 0.57  | 16.81 | 43.4 | 1362            | 0.64  | 19.14 | 47.6 | 1629            | 0.73  | 21.60 | 52.5 | 2091            | 0.82  | 24.49 |
|       | 10x3                                     | 39.7 | 1102            | 0.55  | 16.26 | 41.1 | 1193            | 0.58  | 17.07 | 43.2 | 1331            | 0.62  | 18.21 | 46.1 | 1476            | 0.69  | 20.78 | 50.6 | 1770            | 0.79  | 23.48 | 56   | 2280            | 0.89  | 26.66 |
|       | 11x3                                     | 40.8 | 1157            | 0.58  | 17.18 | 42.3 | 1254            | 0.61  | 18.05 | 44.5 | 1404            | 0.65  | 19.27 | 47.4 | 1559            | 0.73  | 22.04 | 52.2 | 1875            | 0.83  | 24.93 | 57.7 | 2428            | 0.94  | 28.33 |
|       | 12x3                                     | 40.8 | 1186            | 0.60  | 17.79 | 42.3 | 1289            | 0.63  | 18.70 | 44.5 | 1447            | 0.67  | 19.97 | 47.4 | 1611            | 0.75  | 22.92 | 52.2 | 1945            | 0.86  | 25.95 | 57.7 | 2537            | 0.98  | 29.51 |
|       | 13x3                                     | 42.7 | 1259            | 0.63  | 18.94 | 44.3 | 1370            | 0.67  | 19.92 | 46.6 | 1541            | 0.71  | 21.29 | 49.8 | 1716            | 0.80  | 24.46 | 54.8 | 2077            | 0.92  | 27.72 | 60.7 | 2715            | 1.04  | 31.55 |
|       | 14x3                                     | 42.7 | 1288            | 0.65  | 19.55 | 44.3 | 1405            | 0.69  | 20.57 | 46.6 | 1585            | 0.73  | 21.99 | 49.8 | 1768            | 0.83  | 25.34 | 54.8 | 2147            | 0.94  | 28.74 | 60.7 | 2824            | 1.07  | 32.73 |
|       | 15x3                                     | 44.8 | 1366            | 0.69  | 20.76 | 46.6 | 1492            | 0.73  | 21.85 | 49   | 1684            | 0.78  | 23.37 | 52.4 | 1880            | 0.88  | 26.96 | 57.7 | 2286            | 1.00  | 30.59 | 64   | 3010            | 1.14  | 34.86 |
|       | 16x3                                     | 44.8 | 1395            | 0.71  | 21.37 | 46.6 | 1526            | 0.74  | 22.50 | 49   | 1728            | 0.80  | 24.08 | 52.4 | 1932            | 0.90  | 27.84 | 57.7 | 2356            | 1.03  | 31.61 | 64   | 3119            | 1.17  | 36.05 |
|       | 17x3                                     | 47.1 | 1476            | 0.75  | 22.61 | 48.9 | 1615            | 0.79  | 23.81 | 51.5 | 1829            | 0.84  | 25.48 | 55.1 | 2045            | 0.95  | 29.48 | 60.8 | 2497            | 1.09  | 33.50 | 67.5 | 3308            | 1.25  | 38.21 |
| 18x3  | 47.1                                     | 1505 | 0.76            | 23.22 | 48.9  | 1650 | 0.81            | 24.46 | 51.5  | 1872 | 0.86            | 26.19 | 55.1  | 2097 | 0.98            | 30.36 | 60.8  | 2567 | 1.12            | 34.52 | 67.5  | 3417 | 1.28            | 39.40 |       |
| 19x3  | 47.1                                     | 1534 | 0.78            | 23.83 | 48.9  | 1684 | 0.82            | 25    |       |      |                 |       |       |      |                 |       |       |      |                 |       |       |      |                 |       |       |