

Screened electronic cable LiYCY



| | |
|--|------------------------|
| conductor material: | bare copper |
| conductor construction: | fine stranded, class 5 |
| maximum temperature at conductor: | 70 °C |
| insulation: | PVC |
| screen over strand: | yes |
| screen: | yes |
| screen coverage: | 70 % |
| sheathing material: | PVC |
| flame retardant: | acc. to IEC 60332-1-2 |
| oil resistant acc. to EN 60811-2-1: | no |
| max. operating temperature, fixed: | -30 - +80 °C |
| max. operating temperature, moved: | -5 - +70 °C |
| core identification: | colours acc. DIN 47100 |
| operating capacity: | 120 nF/km |
| protective conductor: | no |
| nominal voltage U₀: | 250 V |
| nominal voltage U: | 250 V |
| test voltage: | 1,2 kV |

Application: For signal transmission between electronic devices, in computer systems or process control units with increased requirements to electromagnetic compatibility.

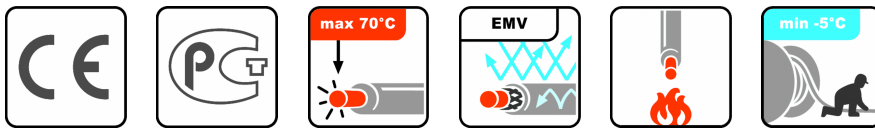


table: technical data LIYCY

| Art.-Nr. | Artikel-Bezeichnung | DA [mm] | G [kg/km] | CU-Zahl | Art.-Nr. | Artikel-Bezeichnung | DA [mm] | G [kg/km] | CU-Zahl |
|----------|---------------------|---------|-----------|---------|---------------|-------------------------|------------|-----------|-----------|
| 030253 | LiYCY 02X0,14 GR | 3.9 | 21 | 12.4 | 030538 | LiYCY 50X0,14 GR | 12 | 327 | 155 |
| 030254 | LiYCY 03X0,14 GR | 4 | 40 | 14.1 | 031384 | LiYCY 52X0,14 GR | 12.3 | 340 | 157.4 |
| 030255 | LiYCY 04X0,14 GR | 4.2 | 43 | 15.8 | 031385 | LiYCY 56X0,14 GR | 12.7 | 366 | 166.5 |
| 030256 | LiYCY 05X0,14 GR | 4.6 | 47 | 19.6 | 030278 | LiYCY 61X0,14 GR | 12.8 | 377 | 176.5 |
| 030257 | LiYCY 06X0,14 GR | 4.9 | 52 | 22.2 | 030280 | LiYCY 02X0,25 GR | 4.6 | 28 | 16 |
| 030258 | LiYCY 07X0,14 GR | 5 | 54 | 23.5 | 030281 | LiYCY 03X0,25 GR | 4.8 | 34 | 21 |
| 030259 | LiYCY 08X0,14 GR | 6 | 58 | 25.2 | 030282 | LiYCY 04X0,25 GR | 5.2 | 40 | 24 |
| 030260 | LiYCY 10X0,14 GR | 6.5 | 76 | 28.3 | 030283 | LiYCY 05X0,25 GR | 5.7 | 47 | 29 |
| 030261 | LiYCY 12X0,14 GR | 6.7 | 81 | 31.4 | 030284 | LiYCY 06X0,25 GR | 6.3 | 54 | 32.4 |
| 030262 | LiYCY 14X0,14 GR | 6.9 | 89 | 34.9 | 030285 | LiYCY 07X0,25 GR | 6.3 | 61 | 37 |
| 030263 | LiYCY 16X0,14 GR | 7.3 | 97 | 48 | 030286 | LiYCY 08X0,25 GR | 6.4 | 66 | 42.1 |
| 030264 | LiYCY 18X0,14 GR | 7.5 | 100 | 51.5 | 030287 | LiYCY 10X0,25 GR | 6.7 | 80 | 49.9 |
| 030926 | LiYCY 20X0,14 GR | 7.8 | 116 | 58.3 | 030288 | LiYCY 12X0,25 GR | 7.8 | 91 | 59 |
| 030266 | LiYCY 21X0,14 GR | 7.9 | 131 | 60.2 | 030289 | LiYCY 14X0,25 GR | 8 | 120 | 64.2 |
| 030267 | LiYCY 24X0,14 GR | 9.1 | 158 | 74.3 | 031386 | LiYCY 15X0,25 GR | 9.4 | 127 | 67.5 |
| 031382 | LiYCY 25X0,14 GR | 9.2 | 165 | 76.2 | 030290 | LiYCY 16X0,25 GR | 9.6 | 135 | 70.8 |
| 030268 | LiYCY 27X0,14 GR | 9.4 | 179 | 84.3 | 030291 | LiYCY 18X0,25 GR | 10 | 150 | 83 |
| 030269 | LiYCY 30X0,14 GR | 9.5 | 194 | 97.6 | 030927 | LiYCY 20X0,25 GR | 10.2 | 157 | 88 |
| 030270 | LiYCY 32X0,14 GR | 10 | 198 | 105.2 | 030292 | LiYCY 21X0,25 GR | 10.5 | 163 | 93 |
| 030271 | LiYCY 36X0,14 GR | 10.2 | 231 | 116.4 | 030293 | LiYCY 24X0,25 GR | 12.1 | 212 | 114.2 |
| 030272 | LiYCY 40X0,14 GR | 10.5 | 252 | 126 | 031387 | LiYCY 25X0,25 GR | 12.1 | 220 | 116.7 |
| 030274 | LiYCY 44X0,14 GR | 11.2 | 276 | 138.2 | 030294 | LiYCY 27X0,25 GR | 12.2 | 226 | 122 |
| 031383 | LiYCY 48X0,14 GR | 11.7 | 301 | 145.8 | 030295 | LiYCY 30X0,25 GR | 12.6 | 243 | 132.3 |

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| Art.-Nr. | Artikel-Bezeichnung | DA [mm] | G [kg/km] | CU-Zahl | Art.-Nr. | Artikel-Bezeichnung | DA [mm] | G [kg/km] | CU-Zahl |
|---------------|-------------------------|------------|-----------|-----------|---------------|---------------------------|------------|-----------|-------------|
| 030296 | LIYCY 32X0,25 GR | 13 | 256 | 137.8 | 030515 | LIYCY 07X0,75 GR | 9.7 | 145 | 100 |
| 030297 | LIYCY 36X0,25 GR | 13.6 | 280 | 152 | 031678 | LIYCY 08X0,75 GR | 9.8 | 151 | 110 |
| 030298 | LIYCY 40X0,25 GR | 14.1 | 302 | 163.5 | 030471 | LIYCY 10X0,75 GR | 11.7 | 182 | 140 |
| 030300 | LIYCY 44X0,25 GR | 14.7 | 329 | 179 | 030472 | LIYCY 12X0,75 GR | 12 | 216 | 154 |
| 031388 | LIYCY 48X0,25 GR | 14.8 | 444 | 192 | 030473 | LIYCY 18X0,75 GR | 13.9 | 311 | 207 |
| 030459 | LIYCY 50X0,25 GR | 16 | 461 | 203 | 030583 | LIYCY 20X0,75 GR | 14.9 | 332 | 238 |
| 031389 | LIYCY 52X0,25 GR | 16.2 | 479 | 233.1 | 030474 | LIYCY 25X0,75 GR | 16.6 | 404 | 280.8 |
| 031390 | LIYCY 56X0,25 GR | 16.6 | 516 | 237 | 030475 | LIYCY 30X0,75 GR | 18 | 497 | 318.7 |
| 030304 | LIYCY 61X0,25 GR | 20 | 593 | 287.2 | 030736 | LIYCY 32X0,75 GR | 18.2 | 520 | 330 |
| 030305 | LIYCY 02X0,34 GR | 4.8 | 31 | 21 | 033873 | LIYCY 40X0,75 GR | | 676 | 480 |
| 030306 | LIYCY 03X0,34 GR | 5 | 38 | 27 | 030705 | LIYCY 02X1 GR | 7 | 74 | 46 |
| 030307 | LIYCY 04X0,34 GR | 5.4 | 46 | 33 | 030672 | LIYCY 03X1 GR | 7.3 | 89 | 56 |
| 030308 | LIYCY 05X0,34 GR | 5.9 | 54 | 36 | 030673 | LIYCY 04X1 GR | 8 | 107 | 69 |
| 030571 | LIYCY 06X0,34 GR | 6.6 | 62 | 45 | 030670 | LIYCY 05X1 GR | 8.6 | 132 | 89 |
| 030309 | LIYCY 07X0,34 GR | 6.7 | 70 | 51 | 031154 | LIYCY 07X1 GR | 9.2 | 158 | 118 |
| 030310 | LIYCY 08X0,34 GR | 7 | 76 | 54 | 031256 | LIYCY 08X1 GR | 10.5 | 179 | 130 |
| 030311 | LIYCY 10X0,34 GR | 8.9 | 114 | 74 | 030671 | LIYCY 10X1 GR | 11.5 | 215 | 145 |
| 030312 | LIYCY 12X0,34 GR | 9 | 128 | 80 | 031257 | LIYCY 12X1 GR | 12 | 254 | 168 |
| 030460 | LIYCY 14X0,34 GR | 9.5 | 141 | 86 | 031258 | LIYCY 16X1 GR | 13.1 | 330 | 220 |
| 030313 | LIYCY 16X0,34 GR | 10 | 155 | 94 | 031259 | LIYCY 18X1 GR | 14.4 | 366 | 252 |
| 030314 | LIYCY 18X0,34 GR | 10.7 | 186 | 107.5 | 031260 | LIYCY 20X1 GR | 14.5 | 399 | 269 |
| 030928 | LIYCY 20X0,34 GR | 10.9 | 195 | 115.3 | 031261 | LIYCY 25X1 GR | 16 | 478 | 335 |
| 030315 | LIYCY 21X0,34 GR | 11.2 | 201 | 119 | 030584 | LIYCY 02X1,5 GR | 7.7 | 86 | 63 |
| 030316 | LIYCY 24X0,34 GR | 13 | 244 | 139 | 030586 | LIYCY 03X1,5 GR | 8 | 107 | 76 |
| 030317 | LIYCY 27X0,34 GR | 13.1 | 261 | 149 | 030558 | LIYCY 04X1,5 GR | 9 | 129 | 108 |
| 030462 | LIYCY 30X0,34 GR | 13.3 | 282 | 161.5 | 031155 | LIYCY 05X1,5 GR | 10 | 150 | 129 |
| 030318 | LIYCY 32X0,34 GR | 13.8 | 298 | 170.8 | 031156 | LIYCY 07X1,5 GR | 10.8 | 192 | 164 |
| 030319 | LIYCY 36X0,34 GR | 14.3 | 325 | 188.3 | 031262 | LIYCY 08X1,5 GR | 12.5 | 219 | 172 |
| 030320 | LIYCY 40X0,34 GR | 14.8 | 352 | 203.5 | 031263 | LIYCY 10X1,5 GR | 13 | 274 | 195 |
| 030322 | LIYCY 44X0,34 GR | 16.3 | 399 | 223.5 | 031264 | LIYCY 12X1,5 GR | 14 | 315 | 254 |
| 031391 | LIYCY 48X0,34 GR | 16.8 | 544 | 264.8 | 031265 | LIYCY 18X1,5 GR | 15.5 | 450 | 350 |
| 030463 | LIYCY 50X0,34 GR | 17.1 | 566 | 268 | 031266 | LIYCY 20X1,5 GR | 17 | 500 | 375 |
| 031392 | LIYCY 52X0,34 GR | 17.4 | 589 | 269.6 | 031267 | LIYCY 25X1,5 GR | 18.5 | 618 | 550 |
| 031393 | LIYCY 56X0,34 GR | 17.6 | 634 | 292 | 031959 | LIYCY 03X2,5 GR | | 188 | 124 |
| 030323 | LIYCY 61X0,34 GR | 18 | 736 | 418 | 030360 | LIYCY 02X2X0,14 GR | 5 | 44 | 22.6 |
| 030325 | LIYCY 02X0,5 GR | 5 | 36 | 29 | 030361 | LIYCY 03X2X0,14 GR | 5.6 | 53 | 25.7 |
| 030326 | LIYCY 03X0,5 GR | 5.3 | 45 | 39 | 030362 | LIYCY 04X2X0,14 GR | 6.1 | 60 | 39.3 |
| 030327 | LIYCY 04X0,5 GR | 5.7 | 54 | 46 | 030363 | LIYCY 05X2X0,14 GR | 6.5 | 80 | 44.5 |
| 030328 | LIYCY 05X0,5 GR | 6.4 | 67 | 57 | 030364 | LIYCY 06X2X0,14 GR | 7.2 | 85 | 51.4 |
| 030564 | LIYCY 06X0,5 GR | 6.9 | 76 | 68.6 | 030366 | LIYCY 08X2X0,14 GR | 8.3 | 115 | 56.9 |
| 030330 | LIYCY 07X0,5 GR | 7 | 84 | 80 | 030367 | LIYCY 10X2X0,14 GR | 9 | 130 | 65.3 |
| 030883 | LIYCY 08X0,5 GR | 7.3 | 107 | 91.4 | 030368 | LIYCY 12X2X0,14 GR | 9.4 | 160 | 78.4 |
| 030332 | LIYCY 10X0,5 GR | 8.8 | 134 | 100 | 030369 | LIYCY 14X2X0,14 GR | 11 | 180 | 84.3 |
| 030333 | LIYCY 12X0,5 GR | 9.5 | 155 | 117 | 030370 | LIYCY 16X2X0,14 GR | 11 | 220 | 93.4 |
| 030565 | LIYCY 16X0,5 GR | 10.7 | 186 | 129 | 030371 | LIYCY 18X2X0,14 GR | 11.9 | 240 | 99.4 |
| 030464 | LIYCY 18X0,5 GR | 11 | 217 | 152 | 030372 | LIYCY 20X2X0,14 GR | 12.2 | 260 | 104.8 |
| 030933 | LIYCY 20X0,5 GR | 11.6 | 239 | 165 | 030374 | LIYCY 25X2X0,14 GR | 13.4 | 315 | 127.7 |
| 030410 | LIYCY 21X0,5 GR | 11.7 | 251 | 171 | 030376 | LIYCY 30X2X0,14 GR | 14.6 | 375 | 142.8 |
| 030566 | LIYCY 24X0,5 GR | 13.3 | 300 | 236 | 030476 | LIYCY 32X2X0,14 GR | 14.6 | 390 | 148.8 |
| 031394 | LIYCY 25X0,5 GR | 13.4 | 313 | 250 | 030377 | LIYCY 36X2X0,14 GR | 15.4 | 435 | 185.5 |
| 031395 | LIYCY 27X0,5 GR | 13.6 | 338 | 265 | 030378 | LIYCY 44X2X0,14 GR | 17.1 | 530 | 210.5 |
| 030465 | LIYCY 30X0,5 GR | 14 | 348 | 297 | 030536 | LIYCY 50X2X0,14 GR | 17.8 | 590 | 244.9 |
| 031396 | LIYCY 32X0,5 GR | 14.5 | 363 | 301 | 030537 | LIYCY 55X2X0,14 GR | 18.8 | 620 | 260.7 |
| 031397 | LIYCY 42X0,5 GR | 16.6 | 525 | 304.6 | 030379 | LIYCY 02X2X0,25 GR | 6.8 | 54 | 28 |
| 030550 | LIYCY 50X0,5 GR | 18 | 625 | 407 | 030516 | LIYCY 03X2X0,25 GR | 7.3 | 66 | 39.6 |
| 031398 | LIYCY 61X0,5 GR | 61.5 | 764 | 580 | 030380 | LIYCY 04X2X0,25 GR | 7.9 | 81 | 44.9 |
| 030511 | LIYCY 02X0,75 GR | 6.7 | 62 | 38 | 030381 | LIYCY 05X2X0,25 GR | 9.4 | 98 | 55 |
| 030512 | LIYCY 03X0,75 GR | 7 | 73 | 50 | 030517 | LIYCY 06X2X0,25 GR | 10.2 | 115 | 69.5 |
| 030513 | LIYCY 04X0,75 GR | 7.6 | 92 | 58 | 030518 | LIYCY 08X2X0,25 GR | 10.5 | 130 | 76.9 |
| 030514 | LIYCY 05X0,75 GR | 8.2 | 110 | 70 | 030382 | LIYCY 10X2X0,25 GR | 13.3 | 158 | 110 |
| 030572 | LIYCY 06X0,75 GR | 9.1 | 128 | 87 | 030383 | LIYCY 12X2X0,25 GR | 13.7 | 190 | 121.5 |

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| Art.-Nr. | Artikel-Bezeichnung | DA [mm] | G [kg/km] | CU-Zahl |
|---------------|---------------------------|------------|-----------|-------------|
| 030480 | LiYCY 16X2X0,25 GR | 15.1 | 238 | 146.5 |
| 030481 | LiYCY 25X2X0,25 GR | 19.4 | 344 | 233 |
| 030878 | LiYCY 02X2X0,34 GR | 7.4 | 74 | 40.5 |
| 030879 | LiYCY 03X2X0,34 GR | 8 | 98 | 49.8 |
| 030880 | LiYCY 04X2X0,34 GR | 9.5 | 114 | 62.9 |
| 030881 | LiYCY 06X2X0,34 GR | 10.6 | 157 | 84.1 |
| 030687 | LiYCY 08X2X0,34 GR | 10.9 | 195 | 97.5 |
| 031271 | LiYCY 12X2X0,34 GR | 14.3 | 272 | 138.3 |
| 030887 | LiYCY 16X2X0,34 GR | 15.4 | 349 | 166.2 |
| 031269 | LiYCY 18X2X0,34 GR | 16.6 | 399 | 205.6 |
| 031270 | LiYCY 24X2X0,34 GR | 18.6 | 464 | 266.1 |
| 030392 | LiYCY 02X2X0,5 GR | 7.3 | 93 | 54 |
| 030519 | LiYCY 03X2X0,5 GR | 8.4 | 129 | 73.7 |
| 030393 | LiYCY 04X2X0,5 GR | 9.4 | 146 | 91 |

| Art.-Nr. | Artikel-Bezeichnung | DA [mm] | G [kg/km] | CU-Zahl |
|---------------|---------------------------|-------------|------------|-----------|
| 030520 | LiYCY 06X2X0,5 GR | 11.2 | 198 | 120 |
| 030521 | LiYCY 08X2X0,5 GR | 11.5 | 259 | 144 |
| 030394 | LiYCY 12X2X0,5 GR | 15.1 | 354 | 199 |
| 030485 | LiYCY 16X2X0,5 GR | 17.3 | 459 | 254 |
| 030522 | LiYCY 02X2X0,75 GR | 9.5 | 106 | 58 |
| 030414 | LiYCY 03X2X0,75 GR | 9.6 | 140 | 85 |
| 030523 | LiYCY 04X2X0,75 GR | 10.3 | 179 | 108 |
| 030524 | LiYCY 06X2X0,75 GR | 12.4 | 246 | 146 |
| 031745 | LiYCY 12X2X0,75 GR | | 390 | 261 |
| 031322 | LiYCY 02X2X1 GR | 10.3 | 136 | 84 |
| 031327 | LiYCY 03X2X1 GR | 10.5 | 174 | 103 |
| 031189 | LiYCY 04X2X1 GR | 11 | 226 | 132 |
| 032132 | LiYCY 02X2X1,5 GR | | 168 | 116 |