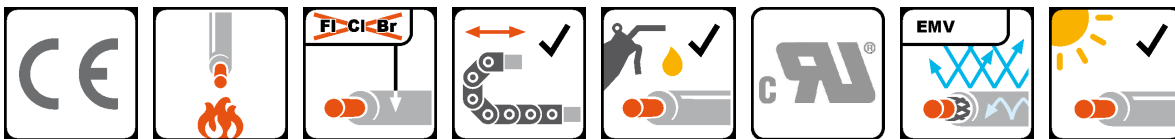


# drag chain cable FACAB EFK Li9YC11Y



|                                    |                              |
|------------------------------------|------------------------------|
| <b>conductor material:</b>         | bare copper                  |
| <b>conductor construction:</b>     | fine stranded class 6        |
| <b>insulation:</b>                 | polypropylen                 |
| <b>screen:</b>                     | Cu-braid, tinned             |
| <b>screen coverage:</b>            | 85 %                         |
| <b>sheathing material:</b>         | polyurethan                  |
| <b>colour of outer sheath:</b>     | gray RAL 7001                |
| <b>flame retardant:</b>            | VDE 0482-332-1-2/IEC 60332-1 |
| <b>halogen free:</b>               | DIN EN 50267/IEC 60754       |
| <b>oil resistant:</b>              | EN 60811-2-1                 |
| <b>max. operating temperature,</b> | -50 - +80 °C                 |
| <b>fixed:</b>                      |                              |
| <b>temperature, moved/during</b>   | -40 - +80 °C                 |
| <b>installation:</b>               |                              |
| <b>bending radius, fixed</b>       | 4 x DA                       |
| <b>installation:</b>               |                              |
| <b>bending radius, moved</b>       | 7,5 x DA                     |
| <b>application:</b>                |                              |
| <b>Bending cycles, max.:</b>       | 5 Mio.                       |
| <b>Moving distance, max.:</b>      | 100 m                        |
| <b>operating capacity:</b>         | 80 nF/km                     |
| <b>nominal voltage U:</b>          | 300 V                        |
| <b>test voltage:</b>               | 2 kV                         |
| <b>core identification:</b>        | colours acc. DIN 47100       |

**Application:** High-flexible and low-capacity data cable for continuous mobile use under extreme conditions with particular requirements on EMC. The cable is halogen-free, flame resistant, hydrolysis- and microbe-resistant and largely oil-resistant. Please note our instructions for the use of drag-chain cables.



The products and information presented here are for technical calculation only. They are subject to technical progress and in no way represent the ability of shipment. Outer diameters are approximately.

Table: Technical characteristics FACAB EFK Li9YC11Y

| p/n    | part name                            | D <sub>A</sub><br>[mm] | G<br>[kg] | Cu<br>[kg/km] |
|--------|--------------------------------------|------------------------|-----------|---------------|
| 035350 | FACAB EFK Li9YC11Y 2X0,14<br>cUL GR  | 4,1                    | 28        | 13            |
| 035351 | FACAB EFK Li9YC11Y 3X0,14<br>cUL GR  | 4,3                    | 31        | 15            |
| 035352 | FACAB EFK Li9YC11Y 4X0,14<br>cUL GR  | 4,5                    | 35        | 17            |
| 035353 | FACAB EFK Li9YC11Y 5X0,14<br>cUL GR  | 4,8                    | 40        | 19,4          |
| 035354 | FACAB EFK Li9YC11Y 7X0,14<br>cUL GR  | 5,7                    | 56        | 28            |
| p/n    | part name                            | D <sub>A</sub><br>[mm] | G<br>[kg] | Cu<br>[kg/km] |
| 035355 | FACAB EFK Li9YC11Y<br>10X0,14 cUL GR | 6,3                    | 70        | 39,3          |
| 035356 | FACAB EFK Li9YC11Y<br>12X0,14 cUL GR | 6,5                    | 59        | 35            |
| 035357 | FACAB EFK Li9YC11Y<br>14X0,14 cUL GR | 6,9                    | 84        | 45,3          |
| 035358 | FACAB EFK Li9YC11Y<br>18X0,14 cUL GR | 7,5                    | 99        | 54,1          |
| 035524 | FACAB EFK Li9YC11Y<br>25X0,14 cUL GR | 8,9                    | 132       | 68,4          |

| p/n    | part name                           | D <sub>A</sub><br>[mm] | G<br>[kg] | Cu<br>[kg/km] |
|--------|-------------------------------------|------------------------|-----------|---------------|
| 035359 | FACAB EFK Li9YC11Y 2X0,25 cUL GR    | 4,5                    | 33        | 16,3          |
| 035360 | FACAB EFK Li9YC11Y 3X0,25 cUL GR    | 4,7                    | 39        | 19,4          |
| 035361 | FACAB EFK Li9YC11Y 4X0,25 cUL GR    | 5                      | 45        | 23            |
| 035362 | FACAB EFK Li9YC11Y 5X0,25 cUL GR    | 5,6                    | 58        | 31            |
| 035363 | FACAB EFK Li9YC11Y 7X0,25 cUL GR    | 6,4                    | 72        | 40            |
| 035364 | FACAB EFK Li9YC11Y 10X0,25 cUL GR   | 7,3                    | 92        | 54            |
| 035365 | FACAB EFK Li9YC11Y 12X0,25 cUL GR   | 7,5                    | 84        | 51            |
| 035366 | FACAB EFK Li9YC11Y 14X0,25 cUL GR   | 7,8                    | 114       | 64,2          |
| 035367 | FACAB EFK Li9YC11Y 18X0,25 cUL GR   | 8,7                    | 138       | 78,4          |
| 035368 | FACAB EFK Li9YC11Y 25X0,25 cUL GR   | 10,3                   | 184       | 101           |
| 035369 | FACAB EFK Li9YC11Y 2X0,34 cUL GR    | 4,7                    | 38        | 19            |
| 035370 | FACAB EFK Li9YC11Y 3X0,34 cUL GR    | 4,9                    | 49        | 29            |
| 035371 | FACAB EFK Li9YC11Y 4X0,34 cUL GR    | 5,5                    | 62        | 36            |
| 035372 | FACAB EFK Li9YC11Y 5X0,34 cUL GR    | 5,8                    | 68        | 39,1          |
| 035373 | FACAB EFK Li9YC11Y 7X0,34 cUL GR    | 6,9                    | 91        | 53            |
| 035374 | FACAB EFK Li9YC11Y 10X0,34 cUL GR   | 7,7                    | 118       | 67,4          |
| 035375 | FACAB EFK Li9YC11Y 12X0,34 cUL GR   | 7,9                    | 99        | 63            |
| 035376 | FACAB EFK Li9YC11Y 14X0,34 cUL GR   | 8,5                    | 150       | 86            |
| 035377 | FACAB EFK Li9YC11Y 18X0,34 cUL GR   | 9,2                    | 177       | 100           |
| 035378 | FACAB EFK Li9YC11Y 25X0,34 cUL GR   | 10,9                   | 251       | 155           |
| 035379 | FACAB EFK Li9YC11Y 2X2X0,14 cUL GR  | 5,8                    | 42        | 20            |
| 035380 | FACAB EFK Li9YC11Y 3X2X0,14 cUL GR  | 6,2                    | 53        | 26            |
| 035381 | FACAB EFK Li9YC11Y 4X2X0,14 cUL GR  | 6,7                    | 59        | 30            |
| 035382 | FACAB EFK Li9YC11Y 5X2X0,14 cUL GR  | 7,2                    | 75        | 37,4          |
| 035383 | FACAB EFK Li9YC11Y 6X2X0,14 cUL GR  | 7,8                    | 91        | 49,4          |
| 035384 | FACAB EFK Li9YC11Y 8X2X0,14 cUL GR  | 8,3                    | 109       | 55            |
| 035385 | FACAB EFK Li9YC11Y 10X2X0,14 cUL GR | 9,3                    | 120       | 60,1          |
| 035386 | FACAB EFK Li9YC11Y 14X2X0,14 cUL GR | 10                     | 168       | 73            |
| 035387 | FACAB EFK Li9YC11Y 2X2X0,25 cUL GR  | 6,7                    | 56        | 32            |
| 035388 | FACAB EFK Li9YC11Y 3X2X0,25 cUL GR  | 6,8                    | 66        | 38,4          |
| 035389 | FACAB EFK Li9YC11Y 4X2X0,25 cUL GR  | 7,5                    | 76        | 43,2          |
| 035390 | FACAB EFK Li9YC11Y 5X2X0,25 cUL GR  | 8                      | 91        | 52            |

| p/n    | part name                           | D <sub>A</sub><br>[mm] | G<br>[kg] | Cu<br>[kg/km] |
|--------|-------------------------------------|------------------------|-----------|---------------|
| 035391 | FACAB EFK Li9YC11Y 6X2X0,25 cUL GR  | 8,8                    | 112       | 72            |
| 035392 | FACAB EFK Li9YC11Y 8X2X0,25 cUL GR  | 10,4                   | 140       | 74,4          |
| 035393 | FACAB EFK Li9YC11Y 10X2X0,25 cUL GR | 10,9                   | 159       | 90            |
| 035394 | FACAB EFK Li9YC11Y 14X2X0,25 cUL GR | 11,9                   | 192       | 111,2         |
| 035653 | FACAB EFK Li9YC11Y 18X2X0,25 cUL GR | 11,9                   | 282       | 125           |
| 035395 | FACAB EFK Li9YC11Y 2X2X0,34 cUL GR  | 7                      | 81        | 35            |
| 035396 | FACAB EFK Li9YC11Y 3X2X0,34 cUL GR  | 7,2                    | 101       | 45            |
| 035397 | FACAB EFK Li9YC11Y 4X2X0,34 cUL GR  | 8                      | 119       | 53            |
| 035398 | FACAB EFK Li9YC11Y 5X2X0,34 cUL GR  | 8,5                    | 149       | 64            |
| 035399 | FACAB EFK Li9YC11Y 6X2X0,34 cUL GR  | 9,4                    | 165       | 74            |
| 035400 | FACAB EFK Li9YC11Y 8X2X0,34 cUL GR  | 10,4                   | 221       | 90            |
| 035401 | FACAB EFK Li9YC11Y 10X2X0,34 cUL GR | 11,4                   | 274       | 110           |
| 035402 | FACAB EFK Li9YC11Y 14X2X0,34 cUL GR | 12,5                   | 384       | 144           |
| 035403 | FACAB EFK Li9YC11Y 2X2X0,5 cUL GR   | 8,4                    | 92        | 50            |
| 035404 | FACAB EFK Li9YC11Y 3X2X0,5 cUL GR   | 8,5                    | 114       | 65            |
| 035405 | FACAB EFK Li9YC11Y 4X2X0,5 cUL GR   | 9,2                    | 129       | 72,2          |
| 035406 | FACAB EFK Li9YC11Y 5X2X0,5 cUL GR   | 10,2                   | 148       | 78,3          |
| 035407 | FACAB EFK Li9YC11Y 6X2X0,5 cUL GR   | 11                     | 170       | 91            |
| 035408 | FACAB EFK Li9YC11Y 8X2X0,5 cUL GR   | 13,3                   | 246       | 124,1         |
| 035409 | FACAB EFK Li9YC11Y 10X2X0,5 cUL GR  | 14,2                   | 286       | 146,4         |
| 035410 | FACAB EFK Li9YC11Y 14X2X0,5 cUL GR  | 15,5                   | 346       | 190           |
| 035411 | FACAB EFK Li9YC11Y 2X2X0,75 cUL GR  | 9,1                    | 108       | 65            |
| 035412 | FACAB EFK Li9YC11Y 3X2X0,75 cUL GR  | 9,4                    | 144       | 86,3          |
| 035413 | FACAB EFK Li9YC11Y 4X2X0,75 cUL GR  | 10,2                   | 160       | 97            |
| 035414 | FACAB EFK Li9YC11Y 5X2X0,75 cUL GR  | 11,3                   | 164       | 106           |
| 035415 | FACAB EFK Li9YC11Y 6X2X0,75 cUL GR  | 12,3                   | 214       | 130,4         |
| 035416 | FACAB EFK Li9YC11Y 8X2X0,75 cUL GR  | 14,7                   | 305       | 192,2         |
| 035417 | FACAB EFK Li9YC11Y 10X2X0,75 cUL GR | 15,7                   | 382       | 258           |
| 035418 | FACAB EFK Li9YC11Y 14X2X0,75 cUL GR | 17,5                   | 474       | 317           |
| 035419 | FACAB EFK Li9YC11Y 2X2X1 cUL GR     | 10                     | 124       | 79,4          |
| 035420 | FACAB EFK Li9YC11Y 3X2X1 cUL GR     | 10,1                   | 158       | 108           |
| 035421 | FACAB EFK Li9YC11Y 4X2X1 cUL GR     | 11                     | 183       | 121,4         |

| p/n    | part name                          | D <sub>A</sub><br>[mm] | G<br>[kg] | Cu<br>[kg/km] |
|--------|------------------------------------|------------------------|-----------|---------------|
| 035422 | FACAB EFK LI9YC11Y 5X2X1<br>cUL GR | 12,3                   | 220       | 139,4         |

|    |                |
|----|----------------|
| DA | outer diameter |
| G  | weight         |
| Cu | copper         |