

# FlexFlame RFOU 0,6/1(1,2)kV P1/P8 Power cable



Flame retardant halogen-free power cable. Mud resistant

## RFOU 0,6/1(1,2)kV

EPR/EPR/TCWB/EVA

NEK TS 606 CodeP1/P8

Operating temperature : 90°C  
Operating Voltage : 0,6/1(1,2)kV

### Standards applied

### Application

Fixed installation for power, control and lighting in both EX- and safe areas, general purposes. For installation in areas exposed to MUD and drilling/cleaning fluids. Meets the MUD resistance requirement in NEK TS 606:2009.

|                   |                   |
|-------------------|-------------------|
| IEC 60092-353     | - Design          |
| IEC 60228 class 2 | - Conductor       |
| IEC 60092-351     | - Insulation      |
| IEC 60092-359     | - Sheath          |
| IEC 60332-1       | - Flame Retardant |
| IEC 60332-3-22    | - Flame Retardant |
| IEC 60754-1,2     | - Halogen Free    |
| IEC 61034-1,2     | - Low Smoke       |

### Construction

|                                 | Code Letter |  |
|---------------------------------|-------------|--|
| <b>Conductor</b>                |             | Tinned annealed stranded circular copper (STCC), IEC 60228 class 2                       |
| <b>Insulation</b>               | <b>R</b>    | EP-rubber, IEC 60092-351 (EPR)   |
| <b>Lay up / Shielding</b>       |             | Cores laid up in concentric layers   |
| <b>Inner covering</b>           | <b>F</b>    | Flame retardant and halogen-free thermoset compound                                      |
| <b>Tape over inner covering</b> |             | PET tape   |
| <b>Armour/screen</b>            | <b>O</b>    | Tinned annealed copper wire braid  |
| <b>Tape over armour/screen</b>  |             | PET tape   |
| <b>Outer sheath</b>             | <b>U</b>    | Flame retardant, halogen-free and mud resistant thermoset compound, SHF2 (IEC 60092-359) |
| <b>Marking text</b>             |             | E.g. "meter" "year" DRAKA 01 RFOU 0,6/1KV P1/P8 3 x 35/16 mm2 IEC 60332-3-22             |
| <b>Manufacturing unit</b>       |             | DRAKA 01 = Draka Norsk Kabel,  |
| <b>Outer sheath colour</b>      |             | Black  |

## FlexFlame RFOU 0,6/1(1,2)kV P1/P8 Power cable

### Core identification power cables

Single core - Black

Two cores - Blue - Brown

Three cores - Brown - Black - Grey

Four cores - Blue - Brown - Black - Grey

Five cores - Blue - Brown - Black - Grey - Black

Seven cores and above - White with black numbers

Two cores + earth (3G) - Yellow/green - Blue - Brown

Three cores + earth (4G) - Yellow/green - Brown - Black - Grey

Four cores + earth (5G) - Yellow/green - Blue - Brown - Black - Grey

G / X in cable description - G = One of the cores are yellow/green - X = no yellow/green core

Core identification - to HD308S2 - and IEC 60446:2007-05

### Range and dimensions

| Number of elements | Cross section core, mm <sup>2</sup> | Electrical Cross section braid, mm <sup>2</sup> | Conductor Diameter, mm | Insulation Thickness, mm | Thickness Inner covering, mm | Diameter inner covering, mm | Diameter Braid Wire, mm | Mechanical cross-section of the braid, mm <sup>2</sup> | Thickness Outer Sheath, mm | Diameter outer sheath, mm | Weight of Cable Approx. (Kg/Km) | Copper content Approx. (kg/km) |
|--------------------|-------------------------------------|---|------------------------|--------------------------|------------------------------|-----------------------------|-------------------------|--|----------------------------|---------------------------|---------------------------------|--------------------------------|
| 1                  | 16                                  | 2.5   | 5.15                   | 1.0                      | 1.1                          | 9.5 ± 0.5                   | 0.2                     | 4.5  | 1.2                        | 13 ± 0.8                  | 360                             | 190                            |
| 1                  | 25                                  | 4   | 6.45                   | 1.2                      | 1.1                          | 11.5 ± 0.8                  | 0.2                     | 5.3  | 1.2                        | 14.5 ± 0.8                | 490                             | 283                            |
| 1                  | 35                                  | 6   | 7.65                   | 1.2                      | 1.1                          | 12.5 ± 0.8                  | 0.3                     | 10.2   | 1.3                        | 16 ± 0.8                  | 650                             | 413                            |
| 1                  | 50                                  | 6   | 9.0                    | 1.4                      | 1.1                          | 14.5 ± 0.8                  | 0.3                     | 10.2   | 1.4                        | 18.5 ± 0.8                | 840                             | 534                            |
| 1                  | 70                                  | 10  | 10.85                  | 1.4                      | 1.1                          | 16.5 ± 0.8                  | 0.3                     | 12.7   | 1.4                        | 20.5 ± 1                  | 1110                            | 757                            |
| 1                  | 95                                  | 10  | 12.60                  | 1.6                      | 1.1                          | 18.5 ± 0.8                  | 0.3                     | 12.7   | 1.5                        | 23 ± 1                    | 1400                            | 973                            |
| 1                  | 120                                 | 10  | 14.20                  | 1.6                      | 1.2                          | 20.5 ± 1                    | 0.3                     | 15.3   | 1.6                        | 25 ± 1                    | 1720                            | 1231                           |
| 1                  | 150                                 | 10  | 15.90                  | 1.8                      | 1.2                          | 22.5 ± 1                    | 0.3                     | 15.3   | 1.6                        | 27 ± 1                    | 2060                            | 1507                           |
| 1                  | 185                                 | 10  | 17.70                  | 2.0                      | 1.2                          | 24.5 ± 1                    | 0.3                     | 17.8   | 1.7                        | 29.5 ± 1                  | 2480                            | 1838                           |
| 1                  | 240                                 | 16  | 20.15                  | 2.2                      | 1.2                          | 27.5 ± 1                    | 0.3                     | 20.4   | 1.8                        | 32.5 ± 1.5                | 3130                            | 2365                           |
| 1                  | 300                                 | 16  | 22.60                  | 2.4                      | 1.2                          | 30.5 ± 1.5                  | 0.3                     | 20.4   | 1.9                        | 35.5 ± 1.5                | 3840                            | 2959                           |
| 2                  | 1.5                                 | 4   | 1.6                    | 1.0                      | 1.1                          | 9.5 ± 0.5                   | 0.2                     | 5.3  | 1.2                        | 12.5 ± 0.8                | 270                             | 80                             |
| 3G                 | 1.5                                 | -   | 1.6                    | 1.0                      | 1.1                          | 10 ± 0.8                    | 0.2                     | 5.3  | 1.2                        | 13.5 ± 0.8                | 295                             | 94                             |
| 4G                 | 1.5                                 | -   | 1.6                    | 1.0                      | 1.1                          | 11 ± 0.8                    | 0.3                     | 8.5  | 1.3                        | 14.5 ± 0.8                | 380                             | 139                            |
| 3                  | 1.5                                 | 4   | 1.6                    | 1.0                      | 1.1                          | 10 ± 0.8                    | 0.2                     | 5.3  | 1.2                        | 13.5 ± 0.8                | 295                             | 94                             |
| 4                  | 1.5                                 | 6   | 1.6                    | 1.0                      | 1.1                          | 11 ± 0.8                    | 0.3                     | 8.5  | 1.3                        | 14.5 ± 0.8                | 380                             | 139                            |
| 5                  | 1.5                                 | 6   | 1.6                    | 1.0                      | 1.1                          | 12 ± 0.8                    | 0.3                     | 10.2   | 1.3                        | 15.5 ± 0.8                | 440                             | 170                            |
| 7                  | 1.5                                 | 6   | 1.6                    | 1.0                      | 1.1                          | 12 ± 0.8                    | 0.3                     | 10.2   | 1.3                        | 16 ± 0.8                  | 480                             | 198                            |
| 12                 | 1.5                                 | 10  | 1.6                    | 1.0                      | 1.1                          | 16 ± 0.8                    | 0.3                     | 13.6   | 1.5                        | 20 ± 1                    | 720                             | 301                            |
| 19                 | 1.5                                 | 10  | 1.6                    | 1.0                      | 1.2                          | 19 ± 0.8                    | 0.3                     | 15.3   | 1.6                        | 23 ± 1                    | 990                             | 415                            |
| 27                 | 1.5                                 | 10  | 1.6                    | 1.0                      | 1.2                          | 22.5 ± 1                    | 0.3                     | 17.8   | 1.8                        | 27 ± 1                    | 1310                            | 550                            |
| 37                 | 1.5                                 | 16  | 1.6                    | 1.0                      | 1.2                          | 25 ± 1                      | 0.3                     | 20.4   | 1.9                        | 30 ± 1.5                  | 1670                            | 716                            |
| 5G                 | 1.5                                 | -   | 1.6                    | 1.0                      | 1.1                          | 12 ± 0.8                    | 0.3                     | 10.2   | 1.3                        | 15.5 ± 0.8                | 440                             | 170                            |
| 7G                 | 1.5                                 | -   | 1.6                    | 1.0                      | 1.1                          | 12 ± 0.8                    | 0.3                     | 10.2   | 1.3                        | 16 ± 0.8                  | 480                             | 197                            |
| 2                  | 2.5                                 | 4   | 2.0                    | 1.0                      | 1.1                          | 10.5 ± 0.8                  | 0.2                     | 5.3  | 1.2                        | 13.5 ± 0.8                | 320                             | 98                             |
| 3G                 | 2.5                                 | -   | 2.0                    | 1.0                      | 1.1                          | 11 ± 0.8                    | 0.3                     | 8.5  | 1.3                        | 14.5 ± 0.8                | 390                             | 152                            |
| 3                  | 2.5                                 | 6   | 2.0                    | 1.0                      | 1.1                          | 11 ± 0.8                    | 0.3                     | 8.5  | 1.3                        | 14.5 ± 0.8                | 390                             | 152                            |

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| Number of elements | Cross section core, mm <sup>2</sup> | Electrical Cross section braid, mm <sup>2</sup> | Conductor Diameter, mm | Insulation Thickness, mm | Thickness Inner covering, mm | Diameter inner covering, mm | Diameter Braid Wire, mm | Mechanical cross-section of the braid, mm <sup>2</sup> | Thickness Outer Sheath, mm | Diameter outer sheath, mm | Weight of Cable Approx. (Kg/Km) | Copper content Approx. (kg/km) |
|--------------------|-------------------------------------|---|------------------------|--------------------------|------------------------------|-----------------------------|-------------------------|--|----------------------------|---------------------------|---------------------------------|--------------------------------|
| 4G                 | 2.5                                 | -   | 2.0                    | 1.0                      | 1.1                          | 12 ± 0.8                    | 0.3                     | 10.2   | 1.3                        | 16 ± 0.8                  | 460                             | 192                            |
| 5G                 | 2.5                                 | -   | 2.0                    | 1.0                      | 1.1                          | 13 ± 0.8                    | 0.3                     | 10.2   | 1.4                        | 17 ± 0.8                  | 530                             | 215                            |
| 4                  | 2.5                                 | 6   | 2.0                    | 1.0                      | 1.1                          | 12 ± 0.8                    | 0.3                     | 10.2   | 1.3                        | 16 ± 0.8                  | 460                             | 192                            |
| 5                  | 2.5                                 | 6   | 2.0                    | 1.0                      | 1.1                          | 13 ± 0.8                    | 0.3                     | 10.2   | 1.4                        | 17 ± 0.8                  | 530                             | 215                            |
| 7                  | 2.5                                 | 6   | 2.0                    | 1.0                      | 1.1                          | 13.5 ± 0.8                  | 0.3                     | 11.9   | 1.4                        | 17.5 ± 0.8                | 610                             | 278                            |
| 12                 | 2.5                                 | 10  | 2.0                    | 1.0                      | 1.2                          | 18 ± 0.8                    | 0.3                     | 15.3   | 1.6                        | 22 ± 1                    | 930                             | 425                            |
| 19                 | 2.5                                 | 10  | 2.0                    | 1.0                      | 1.2                          | 21 ± 1                      | 0.3                     | 17.8   | 1.7                        | 25.5 ± 1                  | 1280                            | 611                            |
| 27                 | 2.5                                 | 16  | 2.0                    | 1.0                      | 1.2                          | 25 ± 1                      | 0.3                     | 20.4   | 1.9                        | 30 ± 1.5                  | 1720                            | 819                            |
| 37                 | 2.5                                 | 16  | 2.0                    | 1.0                      | 1.4                          | 28.5 ± 1                    | 0.3                     | 22.9   | 2                          | 34 ± 1.5                  | 2240                            | 1074                           |
| 4G                 | 4                                   | -   | 2.55                   | 1.0                      | 1.1                          | 13.5 ± 0.8                  | 0.3                     | 10.2   | 1.4                        | 17 ± 0.8                  | 560                             | 247                            |
| 7G                 | 2.5                                 | -   | 2.0                    | 1.0                      | 1.1                          | 13.5 ± 0.8                  | 0.3                     | 11.9   | 1.4                        | 17.5 ± 0.8                | 610                             | 277                            |
| 2                  | 4                                   | 6   | 2.55                   | 1.0                      | 1.1                          | 11.5 ± 0.8                  | 0.3                     | 8.5  | 1.3                        | 15 ± 0.8                  | 410                             | 157                            |
| 3                  | 4                                   | 6   | 2.55                   | 1.0                      | 1.1                          | 12 ± 0.8                    | 0.3                     | 10.2   | 1.3                        | 16 ± 0.8                  | 480                             | 210                            |
| 4                  | 4                                   | 6   | 2.55                   | 1.0                      | 1.1                          | 13.5 ± 0.8                  | 0.3                     | 10.2   | 1.4                        | 17 ± 0.8                  | 560                             | 247                            |
| 5                  | 4                                   | 6   | 2.55                   | 1.0                      | 1.1                          | 14.5 ± 0.8                  | 0.3                     | 11.9   | 1.4                        | 18.5 ± 0.8                | 660                             | 300                            |
| 3G                 | 4                                   | -   | 2.55                   | 1.0                      | 1.1                          | 12 ± 0.8                    | 0.3                     | 10.2   | 1.3                        | 16 ± 0.8                  | 480                             | 210                            |
| 5G                 | 4                                   | -   | 2.55                   | 1.0                      | 1.1                          | 14.5 ± 0.8                  | 0.3                     | 11.9   | 1.4                        | 18.5 ± 0.8                | 660                             | 300                            |
| 2                  | 6                                   | 6   | 3.15                   | 1.0                      | 1.1                          | 12.5 ± 0.8                  | 0.3                     | 10.2   | 1.3                        | 16.5 ± 0.8                | 500                             | 209                            |
| 3                  | 6                                   | 6   | 3.15                   | 1.0                      | 1.1                          | 13.5 ± 0.8                  | 0.3                     | 10.2   | 1.4                        | 17.5 ± 0.8                | 590                             | 264                            |
| 4                  | 6                                   | 6   | 3.15                   | 1.0                      | 1.1                          | 15 ± 0.8                    | 0.3                     | 11.9   | 1.4                        | 18.5 ± 0.8                | 700                             | 335                            |
| 4G                 | 6                                   | -   | 3.15                   | 1.0                      | 1.1                          | 15 ± 0.8                    | 0.3                     | 11.9   | 1.4                        | 18.5 ± 0.8                | 700                             | 335                            |
| 3G                 | 6                                   | -   | 3.15                   | 1.0                      | 1.1                          | 13.5 ± 0.8                  | 0.3                     | 10.2   | 1.4                        | 17.5 ± 0.8                | 590                             | 264                            |
| 5G                 | 6                                   | -   | 3.15                   | 1.0                      | 1.1                          | 16.5 ± 0.8                  | 0.3                     | 11.9   | 1.5                        | 20.5 ± 1                  | 820                             | 390                            |
| 2                  | 10                                  | 10  | 4.05                   | 1.0                      | 1.1                          | 14.5 ± 0.8                  | 0.3                     | 11.9   | 1.4                        | 18.5 ± 0.8                | 670                             | 300                            |
| 3                  | 10                                  | 10  | 4.05                   | 1.0                      | 1.1                          | 15.5 ± 0.8                  | 0.3                     | 11.9   | 1.4                        | 19.5 ± 0.8                | 780                             | 391                            |
| 4                  | 10                                  | 10  | 4.05                   | 1.0                      | 1.1                          | 17 ± 0.8                    | 0.3                     | 13.6   | 1.5                        | 21 ± 1                    | 950                             | 496                            |
| 3G                 | 10                                  | -   | 4.05                   | 1.0                      | 1.1                          | 15.5 ± 0.8                  | 0.3                     | 11.9   | 1.4                        | 19.5 ± 0.8                | 780                             | 388                            |
| 5G                 | 10                                  | -   | 4.05                   | 1.0                      | 1.2                          | 19 ± 0.8                    | 0.3                     | 15.3   | 1.5                        | 23 ± 1                    | 1140                            | 603                            |
| 4G                 | 10                                  | -   | 4.05                   | 1.0                      | 1.1                          | 17 ± 0.8                    | 0.3                     | 13.6   | 1.5                        | 21 ± 1                    | 950                             | 496                            |
| 2                  | 16                                  | 16  | 5.15                   | 1.0                      | 1.1                          | 16.5 ± 0.8                  | 0.4                     | 18.1   | 1.5                        | 21 ± 1                    | 950                             | 481                            |
| 3                  | 16                                  | 16  | 5.15                   | 1.0                      | 1.1                          | 17.5 ± 0.8                  | 0.4                     | 18.1   | 1.5                        | 22.5 ± 1                  | 1120                            | 626                            |
| 4                  | 16                                  | 16  | 5.15                   | 1.0                      | 1.2                          | 20 ± 1                      | 0.4                     | 22.6   | 1.6                        | 24.5 ± 1                  | 1400                            | 806                            |
| 4G                 | 16                                  | -   | 5.15                   | 1.0                      | 1.2                          | 20 ± 1                      | 0.3                     | 15.3   | 1.6                        | 24 ± 1                    | 1310                            | 734                            |
| 5G                 | 16                                  | -   | 5.15                   | 1.0                      | 1.2                          | 22 ± 1                      | 0.3                     | 15.3   | 1.6                        | 26 ± 1                    | 1540                            | 881                            |
| 3G                 | 16                                  | -   | 5.15                   | 1.0                      | 1.1                          | 17.5 ± 0.8                  | 0.3                     | 13.6   | 1.5                        | 22 ± 1                    | 1060                            | 571                            |
| 2                  | 25                                  | 16  | 6.45                   | 1.2                      | 1.2                          | 20.5 ± 1                    | 0.4                     | 22.6   | 1.6                        | 25.5 ± 1                  | 1340                            | 685                            |
| 3                  | 25                                  | 16  | 6.45                   | 1.2                      | 1.2                          | 22 ± 1                      | 0.3                     | 20.4   | 1.6                        | 26 ± 1                    | 1560                            | 894                            |
| 4                  | 25                                  | 16  | 6.45                   | 1.2                      | 1.2                          | 24 ± 1                      | 0.3                     | 20.4   | 1.7                        | 28.5 ± 1                  | 1910                            | 1125                           |
| 4G                 | 25                                  | -   | 6.45                   | 1.2                      | 1.2                          | 24 ± 1                      | 0.3                     | 17.8   | 1.7                        | 28.5 ± 1                  | 1890                            | 1100                           |
| 3G                 | 25                                  | -   | 6.45                   | 1.2                      | 1.2                          | 22 ± 1                      | 0.3                     | 15.3   | 1.6                        | 26 ± 1                    | 1510                            | 844                            |
| 5G                 | 25                                  | -   | 6.45                   | 1.2                      | 1.2                          | 26.5 ± 1                    | 0.3                     | 20.4   | 1.8                        | 31.5 ± 1.5                | 2260                            | 1356                           |
| 2                  | 35                                  | 16  | 7.65                   | 1.2                      | 1.2                          | 23 ± 1                      | 0.3                     | 20.4   | 1.7                        | 27.5 ± 1                  | 1600                            | 828                            |

## FlexFlame RFOU 0,6/1(1,2)kV P1/P8 Power cable

| Number of elements | Cross section core, mm <sup>2</sup> | Electrical Cross section braid, mm <sup>2</sup> | Conductor Diameter, mm | Insulation Thickness, mm | Thickness Inner covering, mm | Diameter inner covering, mm | Diameter Braid Wire, mm | Mechanical cross-section of the braid, mm <sup>2</sup> | Thickness Outer Sheath, mm | Diameter outer sheath, mm | Weight of Cable Approx. (Kg/Km) | Copper content Approx. (kg/km) |
|--------------------|-------------------------------------|---|------------------------|--------------------------|------------------------------|-----------------------------|-------------------------|--|----------------------------|---------------------------|---------------------------------|--------------------------------|
| 3                  | 35                                  | 16  | 7.65                   | 1.2                      | 1.2                          | 24.5 ± 1                    | 0.3                     | 20.4   | 1.7                        | 29 ± 1                    | 1940                            | 1142                           |
| 4                  | 35                                  | 16  | 7.65                   | 1.2                      | 1.2                          | 27 ± 1                      | 0.3                     | 20.4   | 1.8                        | 31.5 ± 1.5                | 2380                            | 1456                           |
| 4G                 | 35                                  | -   | 7.65                   | 1.2                      | 1.2                          | 27 ± 1                      | 0.3                     | 20.4   | 1.8                        | 31.5 ± 1.5                | 2380                            | 1456                           |
| 5G                 | 35                                  | -   | 7.65                   | 1.2                      | 1.2                          | 30 ± 1.5                    | 0.3                     | 22.9   | 1.9                        | 35 ± 1.5                  | 2870                            | 1795                           |
| 2                  | 50                                  | 25  | 9.0                    | 1.4                      | 1.2                          | 26.5 ± 1                    | 0.4                     | 31.7   | 1.8                        | 31.5 ± 1.5                | 2190                            | 1181                           |
| 3                  | 50                                  | 25  | 9.0                    | 1.4                      | 1.2                          | 28.5 ± 1                    | 0.4                     | 31.7   | 1.9                        | 34 ± 1.5                  | 2680                            | 1617                           |
| 4                  | 50                                  | 25  | 9.0                    | 1.4                      | 1.4                          | 32 ± 1.5                    | 0.4                     | 31.7   | 2                          | 37.5 ± 1.5                | 3320                            | 2052                           |
| 4G                 | 50                                  | -   | 9.0                    | 1.4                      | 1.4                          | 32 ± 1.5                    | 0.3                     | 22.9   | 2                          | 37 ± 1.5                  | 3230                            | 1966                           |
| 5G                 | 50                                  | -   | 9.0                    | 1.4                      | 1.4                          | 35 ± 1.5                    | 0.4                     | 36.2   | 2.1                        | 41 ± 2                    | 4030                            | 2531                           |
| 2                  | 70                                  | 35  | 10.85                  | 1.4                      | 1.2                          | 30.5 ± 1.5                  | 0.6                     | 50.9   | 1.9                        | 36.5 ± 1.5                | 3040                            | 1782                           |
| 3                  | 70                                  | 35  | 10.85                  | 1.4                      | 1.4                          | 33 ± 1.5                    | 0.5                     | 49.5   | 2                          | 39 ± 1.5                  | 3730                            | 2385                           |
| 4                  | 70                                  | 35  | 10.85                  | 1.4                      | 1.4                          | 36.5 ± 1.5                  | 0.5                     | 49.5   | 2.2                        | 43 ± 2                    | 4600                            | 3018                           |
| 4G                 | 70                                  | -   | 10.85                  | 1.4                      | 1.4                          | 36.5 ± 1.5                  | 0.4                     | 36.2   | 2.2                        | 42.5 ± 2                  | 4470                            | 2888                           |
| 5G                 | 70                                  | -   | 10.85                  | 1.4                      | 1.4                          | 40.5 ± 2                    | 0.4                     | 36.2   | 2.3                        | 46.5 ± 2                  | 5360                            | 3528                           |
| 5                  | 70                                  | 35  | 10.85                  | 1.4                      | 1.4                          | 40.5 ± 2                    | 0.4                     | 45.2   | 2.3                        | 46.5 ± 2                  | 5440                            | 3610                           |
| 2                  | 95                                  | 50  | 12.60                  | 1.6                      | 1.4                          | 35 ± 1.5                    | 0.6                     | 61.1   | 2.1                        | 41.5 ± 2                  | 3960                            | 2317                           |
| 3                  | 95                                  | 50  | 12.60                  | 1.6                      | 1.4                          | 37.5 ± 1.5                  | 0.5                     | 56.5   | 2.2                        | 43.5 ± 2                  | 4830                            | 3126                           |
| 4                  | 95                                  | 50  | 12.60                  | 1.6                      | 1.4                          | 41.5 ± 2                    | 0.5                     | 63.6   | 2.4                        | 48.5 ± 2                  | 6020                            | 4020                           |
| 4G                 | 95                                  | -   | 12.60                  | 1.6                      | 1.4                          | 41.5 ± 2                    | 0.4                     | 40.7   | 2.4                        | 48 ± 2                    | 5790                            | 3796                           |
| 5G                 | 120                                 | -   | 14.20                  | 1.6                      | 1.6                          | 51 ± 2.5                    | 0.5                     | 49.5   | 2.7                        | 58.5 ± 2.5                | 8610                            | 5909                           |
| 2                  | 120                                 | 60  | 14.20                  | 1.6                      | 1.4                          | 38 ± 1.5                    | 0.6                     | 71.3   | 2.2                        | 45 ± 2                    | 4810                            | 2891                           |
| 3                  | 120                                 | 60  | 14.20                  | 1.6                      | 1.4                          | 41 ± 2                      | 0.6                     | 71.3   | 2.3                        | 48 ± 2                    | 5950                            | 3975                           |
| 4                  | 120                                 | 60  | 14.20                  | 1.6                      | 1.6                          | 46 ± 2                      | 0.6                     | 71.3   | 2.5                        | 53.5 ± 2.5                | 7440                            | 5100                           |
| 4G                 | 120                                 | -   | 14.20                  | 1.6                      | 1.6                          | 46 ± 2                      | 0.4                     | 45.2   | 2.5                        | 52.5 ± 2.5                | 7110                            | 4781                           |
| 4G                 | 150                                 | -   | 15.90                  | 1.8                      | 1.6                          | 51 ± 2.5                    | 0.5                     | 49.5   | 2.7                        | 58.5 ± 2.5                | 8790                            | 5931                           |
| 4G                 | 185                                 | -   | 17.7                   | 2.0                      | 1.8                          | 56.5 ± 2.5                  | 0.5                     | 56.5   | 2.9                        | 64.5 ± 3                  | 10700                           | 7241                           |
| 5                  | 16                                  | 16  | 5.15                   | 1.0                      | 1.2                          | 22 ± 1                      | 0.3                     | 20.4   | 1.6                        | 26 ± 1                    | 1590                            | 930                            |
| 4                  | 240                                 | 120   | 19.1                   | 2.2                      | 2.0                          | 62 ± 2.5                    | 0.6                     | 127.2  | 3.0                        | 72 ± 3.5                  | 14800                           | 8777                           |

### Ordering information

| Part number | Description                                | Sheath Colour | Stock item | EAN No. DNK   | EL No.  |
|-------------|--|---------------|------------|---------------|---------|
| 800000      | RFOU 0.6/1kV 1X 16/2.5 P1/P8               | BLACK         | -          | 7021528000009 | -       |
| 800001      | RFOU 0.6/1kV 1X 25/4mm <sup>2</sup> P1/P8  | BLACK         | -          | 7021528000016 | 1044206 |
| 800002      | RFOU 0.6/1kV 1X 35/6mm <sup>2</sup> P1/P8  | BLACK         | -          | 7021528000023 | 1044207 |
| 800003      | RFOU 0.6/1kV 1X 50/6mm <sup>2</sup> P1/P8  | BLACK         | -          | 7021528000030 | 1044208 |
| 800004      | RFOU 0.6/1kV 1X 70/10mm <sup>2</sup> P1/P8 | BLACK         | -          | 7021528000047 | -       |
| 800005      | RFOU 0.6/1kV 1X 95/10mm <sup>2</sup> P1/P8 | BLACK         | -          | 7021528000054 | 1044210 |
| 800006      | RFOU 0.6/1kV 1X 120/10 P1/P8               | BLACK         | -          | 7021528000061 | -       |
| 800007      | RFOU 0.6/1kV 1X 150/10 P1/P8               | BLACK         | -          | 7021528000078 | 1044211 |
| 800008      | RFOU 0.6/1kV 1X 185/10 P1/P8               | BLACK         | -          | 7021528000085 | 1044213 |
| 800009      | RFOU 0.6/1kV 1X 240/16 P1/P8               | BLACK         | -          | 7021528000092 | 1044214 |
| 800010      | RFOU 0.6/1kV 1X 300/16 P1/P8               | BLACK         | Yes        | 7021528000108 | 1044215 |
| 800015      | RFOU 0.6/1kV 2X 1.5/4mm <sup>2</sup> P1/P8 | BLACK         | Yes        | 7021528000153 | 1044220 |
| 800016      | RFOU 0.6/1kV 3G 1.5mm <sup>2</sup> P1/P8   | BLACK         | -          | 7021528000160 | -       |
| 800017      | RFOU 0.6/1kV 4G 1.5mm <sup>2</sup> P1/P8   | BLACK         | -          | 7021528000177 | -       |
| 800018      | RFOU 0.6/1kV 3X 1.5/4mm <sup>2</sup> P1/P8 | BLACK         | Yes        | 7021528000184 | 1044240 |

## FlexFlame RFOU 0,6/1(1,2)kV P1/P8 Power cable

| Part number | Description                                | Sheath Colour | Stock item | EAN No. DNK   | EL No.  |
|-------------|--|---------------|------------|---------------|---------|
| 800019      | RFOU 0.6/1kV 4X 1.5/6mm <sup>2</sup> P1/P8 | BLACK         | Yes        | 7021528000191 | 1044260 |
| 800020      | RFOU 0.6/1kV 5X 1.5/6mm <sup>2</sup> P1/P8 | BLACK         | -          | 7021528000207 | 1044305 |
| 800021      | RFOU 0.6/1kV 7X 1.5/6mm <sup>2</sup> P1/P8 | BLACK         | Yes        | 7021528000214 | 1044307 |
| 800022      | RFOU 0.6/1kV 12X 1.5/10 P1/P8              | BLACK         | Yes        | 7021528000221 | 1044312 |
| 800023      | RFOU 0.6/1kV 19X 1.5/10 P1/P8              | BLACK         | -          | 7021528000238 | 1044319 |
| 800024      | RFOU 0.6/1kV 27X 1.5/10 P1/P8              | BLACK         | -          | 7021528000245 | 1044327 |
| 800025      | RFOU 0.6/1kV 37X 1.5/16 P1/P8              | BLACK         | -          | 7021528000252 | 1044337 |
| 800026      | RFOU 0.6/1kV 5G 1.5mm <sup>2</sup> P1/P8   | BLACK         | -          | 7021528000269 | -       |
| 800028      | RFOU 0.6/1kV 7G 1.5mm <sup>2</sup> P1/P8   | BLACK         | -          | 7021528000283 | -       |
| 800029      | RFOU 0.6/1kV 2X 2.5/4mm <sup>2</sup> P1/P8 | BLACK         | Yes        | 7021528000290 | 1044221 |
| 800030      | RFOU 0.6/1kV 3G 2.5mm <sup>2</sup> P1/P8   | BLACK         | -          | 7021528000306 | -       |
| 800032      | RFOU 0.6/1kV 3X 2.5/6mm <sup>2</sup> P1/P8 | BLACK         | Yes        | 7021528000320 | 1044241 |
| 800033      | RFOU 0.6/1kV 4G 2.5mm <sup>2</sup> P1/P8   | BLACK         | -          | 7021528000337 | -       |
| 800034      | RFOU 0.6/1kV 5G 2.5mm <sup>2</sup> P1/P8   | BLACK         | -          | 7021528000344 | -       |
| 800035      | RFOU 0.6/1kV 4X 2.5/6mm <sup>2</sup> P1/P8 | BLACK         | Yes        | 7021528000351 | 1044261 |
| 800036      | RFOU 0.6/1kV 5X 2.5/6mm <sup>2</sup> P1/P8 | BLACK         | -          | 7021528000368 | 1044355 |
| 800037      | RFOU 0.6/1kV 7X 2.5/6mm <sup>2</sup> P1/P8 | BLACK         | -          | 7021528000375 | 1044357 |
| 800038      | RFOU 0.6/1kV 12X 2.5/10 P1/P8              | BLACK         | -          | 7021528000382 | 1044362 |
| 800039      | RFOU 0.6/1kV 19X 2.5/10 P1/P8              | BLACK         | -          | 7021528000399 | 1044369 |
| 800040      | RFOU 0.6/1kV 27X 2.5/16 P1/P8              | BLACK         | -          | 7021528000405 | 1044377 |
| 800041      | RFOU 0.6/1kV 37X 2.5/16 P1/P8              | BLACK         | -          | 7021528000412 | 1044387 |
| 800043      | RFOU 0.6/1kV 4G 4mm <sup>2</sup> P1/P8     | BLACK         | -          | 7021528000436 | -       |
| 800044      | RFOU 0.6/1kV 7G 2.5mm <sup>2</sup> P1/P8   | BLACK         | -          | 7021528000443 | -       |
| 800045      | RFOU 0.6/1kV 2X 4/6mm <sup>2</sup> P1/P8   | BLACK         | Yes        | 7021528000450 | 1044222 |
| 800046      | RFOU 0.6/1kV 3X 4/6mm <sup>2</sup> P1/P8   | BLACK         | Yes        | 7021528000467 | 1044242 |
| 800047      | RFOU 0.6/1kV 4X 4/6mm <sup>2</sup> P1/P8   | BLACK         | -          | 7021528000474 | 1044262 |
| 800048      | RFOU 0.6/1kV 5X 4/6mm <sup>2</sup> P1/P8   | BLACK         | -          | 7021528000481 | -       |
| 800049      | RFOU 0.6/1kV 3G 4mm <sup>2</sup> P1/P8     | BLACK         | -          | 7021528000498 | -       |
| 800050      | RFOU 0.6/1kV 5G 4mm <sup>2</sup> P1/P8     | BLACK         | -          | 7021528000504 | -       |
| 800051      | RFOU 0.6/1kV 2X 6/6mm <sup>2</sup> P1/P8   | BLACK         | Yes        | 7021528000511 | 1044223 |
| 800052      | RFOU 0.6/1kV 3X 6/6mm <sup>2</sup> P1/P8   | BLACK         | Yes        | 7021528000528 | 1044243 |
| 800053      | RFOU 0.6/1kV 4X 6/6mm <sup>2</sup> P1/P8   | BLACK         | -          | 7021528000535 | 1044263 |
| 800054      | RFOU 0.6/1kV 4G 6mm <sup>2</sup> P1/P8     | BLACK         | -          | 7021528000542 | -       |
| 800055      | RFOU 0.6/1kV 3G 6mm <sup>2</sup> P1/P8     | BLACK         | -          | 7021528000559 | -       |
| 800056      | RFOU 0.6/1kV 5G 6mm <sup>2</sup> P1/P8     | BLACK         | -          | 7021528000566 | -       |
| 800057      | RFOU 0.6/1kV 2X 10/10mm <sup>2</sup> P1/P8 | BLACK         | -          | 7021528000573 | 1044224 |
| 800058      | RFOU 0.6/1kV 3X 10/10mm <sup>2</sup> P1/P8 | BLACK         | Yes        | 7021528000580 | 1044244 |
| 800059      | RFOU 0.6/1kV 4X 10/10mm <sup>2</sup> P1/P8 | BLACK         | -          | 7021528000597 | 1044264 |
| 800060      | RFOU 0.6/1kV 3G 10mm <sup>2</sup> P1/P8    | BLACK         | -          | 7021528000603 | -       |
| 800061      | RFOU 0.6/1kV 5G 10mm <sup>2</sup> P1/P8    | BLACK         | -          | 7021528000610 | -       |
| 800062      | RFOU 0.6/1kV 4G 10mm <sup>2</sup> P1/P8    | BLACK         | -          | 7021528000627 | -       |
| 800063      | RFOU 0.6/1kV 2X 16/16mm <sup>2</sup> P1/P8 | BLACK         | -          | 7021528000634 | 1044225 |
| 800064      | RFOU 0.6/1kV 3X 16/16mm <sup>2</sup> P1/P8 | BLACK         | Yes        | 7021528000641 | 1044245 |
| 800065      | RFOU 0.6/1kV 4X 16/16mm <sup>2</sup> P1/P8 | BLACK         | -          | 7021528000658 | 1044265 |
| 800066      | RFOU 0.6/1kV 4G 16mm <sup>2</sup> P1/P8    | BLACK         | -          | 7021528000665 | -       |
| 800067      | RFOU 0.6/1kV 5G 16mm <sup>2</sup> P1/P8    | BLACK         | -          | 7021528000672 | -       |
| 800068      | RFOU 0.6/1kV 3G 16mm <sup>2</sup> P1/P8    | BLACK         | -          | 7021528000689 | -       |
| 800069      | RFOU 0.6/1kV 2X 25/16mm <sup>2</sup> P1/P8 | BLACK         | -          | 7021528000696 | 1044226 |
| 800070      | RFOU 0.6/1kV 3X 25/16mm <sup>2</sup> P1/P8 | BLACK         | Yes        | 7021528000702 | 1044246 |
| 800071      | RFOU 0.6/1kV 4X 25/16mm <sup>2</sup> P1/P8 | BLACK         | Yes        | 7021528000719 | 1044266 |
| 800072      | RFOU 0.6/1kV 4G 25mm <sup>2</sup> P1/P8    | BLACK         | -          | 7021528000726 | -       |
| 800073      | RFOU 0.6/1kV 3G 25mm <sup>2</sup> P1/P8    | BLACK         | -          | 7021528000733 | -       |
| 800074      | RFOU 0.6/1kV 5G 25mm <sup>2</sup> P1/P8    | BLACK         | -          | 7021528000740 | -       |
| 800075      | RFOU 0.6/1kV 2X 35/16mm <sup>2</sup> P1/P8 | BLACK         | -          | 7021528000757 | -       |
| 800076      | RFOU 0.6/1kV 3X 35/16mm <sup>2</sup> P1/P8 | BLACK         | Yes        | 7021528000764 | 1044247 |
| 800077      | RFOU 0.6/1kV 4X 35/16mm <sup>2</sup> P1/P8 | BLACK         | -          | 7021528000771 | 1044267 |
| 800078      | RFOU 0.6/1kV 4G 35mm <sup>2</sup> P1/P8    | BLACK         | -          | 7021528000788 | -       |
| 800079      | RFOU 0.6/1kV 5G 35mm <sup>2</sup> P1/P8    | BLACK         | -          | 7021528000795 | -       |
| 800081      | RFOU 0.6/1kV 2X 50/25mm <sup>2</sup> P1/P8 | BLACK         | -          | 7021528000818 | -       |

## FlexFlame RFOU 0,6/1(1,2)kV P1/P8 Power cable

| Part number | Description                                | Sheath Colour | Stock item | EAN No. DNK   | EL No.  |
|-------------|--|---------------|------------|---------------|---------|
| 800082      | RFOU 0.6/1kV 3X 50/25mm <sup>2</sup> P1/P8 | BLACK         | Yes        | 7021528000825 | 1044248 |
| 800083      | RFOU 0.6/1kV 4X 50/25mm <sup>2</sup> P1/P8 | BLACK         | Yes        | 7021528000832 | 1044268 |
| 800084      | RFOU 0.6/1kV 4G 50mm <sup>2</sup> P1/P8    | BLACK         | -          | 7021528000849 | -       |
| 800085      | RFOU 0.6/1kV 5G 50mm <sup>2</sup> P1/P8    | BLACK         | -          | 7021528000856 | -       |
| 800087      | RFOU 0.6/1kV 2X 70/35mm <sup>2</sup> P1/P8 | BLACK         | -          | 7021528000870 | -       |
| 800088      | RFOU 0.6/1kV 3X 70/35mm <sup>2</sup> P1/P8 | BLACK         | Yes        | 7021528000887 | 1044249 |
| 800089      | RFOU 0.6/1kV 4X 70/35mm <sup>2</sup> P1/P8 | BLACK         | -          | 7021528000894 | 1044269 |
| 800090      | RFOU 0.6/1kV 4G 70mm <sup>2</sup> P1/P8    | BLACK         | -          | 7021528000900 | -       |
| 800091      | RFOU 0.6/1kV 5G 70mm <sup>2</sup> P1/P8    | BLACK         | -          | 7021528000917 | -       |
| 800092      | RFOU 0.6/1kV 5X 70/35mm <sup>2</sup> P1/P8 | BLACK         | -          | 7021528000924 | -       |
| 800094      | RFOU 0.6/1kV 2X 95/50mm <sup>2</sup> P1/P8 | BLACK         | -          | 7021528000948 | -       |
| 800095      | RFOU 0.6/1kV 3X 95/50mm <sup>2</sup> P1/P8 | BLACK         | Yes        | 7021528000955 | 1044250 |
| 800096      | RFOU 0.6/1kV 4X 95/50mm <sup>2</sup> P1/P8 | BLACK         | Yes        | 7021528000962 | 1044270 |
| 800097      | RFOU 0.6/1kV 4G 95mm <sup>2</sup> P1/P8    | BLACK         | -          | 7021528000979 | -       |
| 800099      | RFOU 0.6/1kV 5G 120mm <sup>2</sup> P1/P8   | BLACK         | -          | 7021528000993 | -       |
| 800100      | RFOU 0.6/1kV 2X 120/60 P1/P8               | BLACK         | -          | 7021528001006 | -       |
| 800101      | RFOU 0.6/1kV 3X 120/60 P1/P8               | BLACK         | Yes        | 7021528001013 | 1044251 |
| 800105      | RFOU 0.6/1kV 4X 120/60 P1/P8               | BLACK         | -          | 7021528001051 | -       |
| 800106      | RFOU 0.6/1kV 4G 120mm <sup>2</sup> P1/P8   | BLACK         | -          | 7021528001068 | -       |
| 800108      | RFOU 0.6/1kV 4G 150mm <sup>2</sup> P1/P8   | BLACK         | -          | 7021528001082 | -       |
| 800110      | RFOU 0.6/1kV 4G 185mm <sup>2</sup> P1/P8   | BLACK         | -          | 7021528001105 | -       |
| 800116      | RFOU 0.6/1kV 5X 16/16mm <sup>2</sup> P1/P8 | BLACK         | -          | 7021528001167 | -       |
| 803906      | RFOU 0.6/1kV 4X 240/120 P1/P8              | BLACK         | -          | 7021528039061 | -       |

### Electrical values power cables

| Number of elements | Cross section core, mm <sup>2</sup> | Electrical Cross section braid, mm <sup>2</sup> | Conductor type 2 | Max. conductor resistance at 20°C, Ohm/km | Max. conductor resistance at 90°C, Ohm/km | Reactance at 50Hz, Ohm/km | Reactance at 60Hz, Ohm/km | Current rating IEC 60092-352 Table B.4, Ampere | Short circuit rating 1 second, Ampere |
|--------------------|-------------------------------------|---|------------------|---|---|---------------------------|---------------------------|--|---------------------------------------|
| 1                  | 16                                  | 2.5   | STCC             | 1.16                                      | 1.48                                      | 0.116                     | 0.140                     | 96   | 2240                                  |
| 1                  | 25                                  | 4   | STCC             | 0.734                                     | 0.936                                     | 0.110                     | 0.132                     | 127  | 3500                                  |
| 1                  | 35                                  | 6   | STCC             | 0.529                                     | 0.675                                     | 0.106                     | 0.128                     | 157  | 4900                                  |
| 1                  | 50                                  | 6   | STCC             | 0.391                                     | 0.499                                     | 0.104                     | 0.125                     | 196  | 7000                                  |
| 1                  | 70                                  | 10  | STCC             | 0.27                                      | 0.344                                     | 0.099                     | 0.119                     | 242  | 9800                                  |
| 1                  | 95                                  | 10  | STCC             | 0.195                                     | 0.249                                     | 0.097                     | 0.116                     | 293  | 13300                                 |
| 1                  | 120                                 | 10  | STCC             | 0.154                                     | 0.196                                     | 0.094                     | 0.113                     | 339  | 16800                                 |
| 1                  | 150                                 | 10  | STCC             | 0.126                                     | 0.161                                     | 0.092                     | 0.111                     | 389  | 21000                                 |
| 1                  | 185                                 | 10  | STCC             | 0.1                                       | 0.128                                     | 0.091                     | 0.109                     | 444  | 25900                                 |
| 1                  | 240                                 | 16  | STCC             | 0.0762                                    | 0.0972                                    | 0.089                     | 0.107                     | 522  | 33600                                 |
| 1                  | 300                                 | 16  | STCC             | 0.0607                                    | 0.0774                                    | 0.087                     | 0.105                     | 601  | 42000                                 |
| 2                  | 1.5                                 | 4   | STCC             | 12.2                                      | 15.6                                      | 0.110                     | 0.132                     | 20   | 210                                   |
| 3G                 | 1.5                                 | -   | STCC             | 12.2                                      | 15.6                                      | 0.110                     | 0.132                     | 20   | 210                                   |
| 4G                 | 1.5                                 | -   | STCC             | 12.2                                      | 15.6                                      | 0.110                     | 0.132                     | 16   | 210                                   |
| 3                  | 1.5                                 | 4   | STCC             | 12.2                                      | 15.6                                      | 0.110                     | 0.132                     | 16   | 210                                   |
| 4                  | 1.5                                 | 6   | STCC             | 12.2                                      | 15.6                                      | 0.110                     | 0.132                     | 16   | 210                                   |
| 5                  | 1.5                                 | 6   | STCC             | 12.2                                      | 15.6                                      | 0.110                     | 0.132                     | 13.5   | 210                                   |
| 7                  | 1.5                                 | 6   | STCC             | 12.2                                      | 15.6                                      | 0.110                     | 0.132                     | 12   | 210                                   |
| 12                 | 1.5                                 | 10  | STCC             | 12.2                                      | 15.6                                      | 0.110                     | 0.132                     | 10   | 210                                   |
| 19                 | 1.5                                 | 10  | STCC             | 12.2                                      | 15.6                                      | 0.110                     | 0.132                     | 8.5  | 210                                   |
| 27                 | 1.5                                 | 10  | STCC             | 12.2                                      | 15.6                                      | 0.110                     | 0.132                     | 7.5  | 210                                   |
| 37                 | 1.5                                 | 16  | STCC             | 12.2                                      | 15.6                                      | 0.110                     | 0.132                     | 7  | 210                                   |
| 5G                 | 1.5                                 | -   | STCC             | 12.2                                      | 15.6                                      | 0.110                     | 0.132                     | 16   | 210                                   |
| 7G                 | 1.5                                 | -   | STCC             | 12.2                                      | 15.6                                      | 0.110                     | 0.132                     | 12.5   | 210                                   |
| 2                  | 2.5                                 | 4   | STCC             | 7.56                                      | 9.64                                      | 0.103                     | 0.123                     | 26   | 350                                   |
| 3G                 | 2.5                                 | -   | STCC             | 7.56                                      | 9.64                                      | 0.103                     | 0.123                     | 26   | 350                                   |
| 3                  | 2.5                                 | 6   | STCC             | 7.56                                      | 9.64                                      | 0.103                     | 0.123                     | 21   | 350                                   |
| 4G                 | 2.5                                 | -   | STCC             | 7.56                                      | 9.64                                      | 0.103                     | 0.123                     | 21   | 350                                   |

## FlexFlame RFOU 0,6/1(1,2)kV P1/P8 Power cable

| Number of elements | Cross section core, mm <sup>2</sup> | Electrical Cross section braid, mm <sup>2</sup> | Conductor type 2 | Max. conductor resistance at 20°C, Ohm/km | Max. conductor resistance at 90°C, Ohm/km | Reactance at 50Hz, Ohm/km | Reactance at 60Hz, Ohm/km | Current rating IEC 60092-352 Table B.4, Ampere | Short circuit rating 1 second, Ampere |
|--------------------|-------------------------------------|---|------------------|---|---|---------------------------|---------------------------|--|---------------------------------------|
| 5G                 | 2.5                                 | -   | STCC             | 7.56                                      | 9.64                                      | 0.103                     | 0.123                     | 21   | 350                                   |
| 4                  | 2.5                                 | 6   | STCC             | 7.56                                      | 9.64                                      | 0.103                     | 0.123                     | 21   | 350                                   |
| 5                  | 2.5                                 | 6   | STCC             | 7.56                                      | 9.64                                      | 0.103                     | 0.123                     | 17.5   | 350                                   |
| 7                  | 2.5                                 | 6   | STCC             | 7.56                                      | 9.64                                      | 0.103                     | 0.123                     | 15.5   | 350                                   |
| 12                 | 2.5                                 | 10  | STCC             | 7.56                                      | 9.64                                      | 0.103                     | 0.123                     | 13   | 350                                   |
| 19                 | 2.5                                 | 10  | STCC             | 7.56                                      | 9.64                                      | 0.103                     | 0.123                     | 11   | 350                                   |
| 27                 | 2.5                                 | 16  | STCC             | 7.56                                      | 9.64                                      | 0.103                     | 0.123                     | 10   | 350                                   |
| 37                 | 2.5                                 | 16  | STCC             | 7.56                                      | 9.64                                      | 0.103                     | 0.123                     | 9  | 350                                   |
| 4G                 | 4                                   | -   | STCC             | 4.7                                       | 5.99                                      | 0.096                     | 0.115                     | 28   | 560                                   |
| 7G                 | 2.5                                 | -   | STCC             | 7.56                                      | 9.64                                      | 0.103                     | 0.123                     | 16.5   | 350                                   |
| 2                  | 4                                   | 6   | STCC             | 4.7                                       | 5.99                                      | 0.096                     | 0.115                     | 34   | 560                                   |
| 3                  | 4                                   | 6   | STCC             | 4.7                                       | 5.99                                      | 0.096                     | 0.115                     | 28   | 560                                   |
| 4                  | 4                                   | 6   | STCC             | 4.7                                       | 5.99                                      | 0.096                     | 0.115                     | 28   | 560                                   |
| 5                  | 4                                   | 6   | STCC             | 4.7                                       | 5.99                                      | 0.096                     | 0.115                     | 23.5   | 560                                   |
| 3G                 | 4                                   | -   | STCC             | 4.7                                       | 5.99                                      | 0.096                     | 0.115                     | 34   | 560                                   |
| 5G                 | 4                                   | -   | STCC             | 4.7                                       | 5.99                                      | 0.096                     | 0.115                     | 28   | 560                                   |
| 2                  | 6                                   | 6   | STCC             | 3.11                                      | 3.97                                      | 0.090                     | 0.108                     | 44   | 840                                   |
| 3                  | 6                                   | 6   | STCC             | 3.11                                      | 3.97                                      | 0.090                     | 0.108                     | 36   | 840                                   |
| 4                  | 6                                   | 6   | STCC             | 3.11                                      | 3.97                                      | 0.090                     | 0.108                     | 36   | 840                                   |
| 4G                 | 6                                   | -   | STCC             | 3.11                                      | 3.97                                      | 0.090                     | 0.108                     | 36   | 840                                   |
| 3G                 | 6                                   | -   | STCC             | 3.11                                      | 3.97                                      | 0.090                     | 0.108                     | 44   | 840                                   |
| 5G                 | 6                                   | -   | STCC             | 3.11                                      | 3.97                                      | 0.090                     | 0.108                     | 36   | 840                                   |
| 2                  | 10                                  | 10  | STCC             | 1.84                                      | 2.35                                      | 0.084                     | 0.101                     | 61   | 1400                                  |
| 3                  | 10                                  | 10  | STCC             | 1.84                                      | 2.35                                      | 0.084                     | 0.101                     | 50   | 1400                                  |
| 4                  | 10                                  | 10  | STCC             | 1.84                                      | 2.35                                      | 0.084                     | 0.101                     | 50   | 1400                                  |
| 3G                 | 10                                  | -   | STCC             | 1.84                                      | 2.35                                      | 0.084                     | 0.101                     | 61   | 1400                                  |
| 5G                 | 10                                  | -   | STCC             | 1.84                                      | 2.35                                      | 0.084                     | 0.101                     | 50   | 1400                                  |
| 4G                 | 10                                  | -   | STCC             | 1.84                                      | 2.35                                      | 0.084                     | 0.101                     | 50   | 1400                                  |
| 2                  | 16                                  | 16  | STCC             | 1.16                                      | 1.48                                      | 0.080                     | 0.096                     | 80   | 2240                                  |
| 3                  | 16                                  | 16  | STCC             | 1.16                                      | 1.48                                      | 0.080                     | 0.096                     | 67   | 2240                                  |
| 4                  | 16                                  | 16  | STCC             | 1.16                                      | 1.48                                      | 0.080                     | 0.096                     | 67   | 2240                                  |
| 4G                 | 16                                  | -   | STCC             | 1.16                                      | 1.48                                      | 0.080                     | 0.096                     | 67   | 2240                                  |
| 5G                 | 16                                  | -   | STCC             | 1.16                                      | 1.48                                      | 0.080                     | 0.096                     | 67   | 2240                                  |
| 3G                 | 16                                  | -   | STCC             | 1.16                                      | 1.48                                      | 0.080                     | 0.096                     | 80   | 2240                                  |
| 2                  | 25                                  | 16  | STCC             | 0.734                                     | 0.936                                     | 0.079                     | 0.095                     | 108  | 3500                                  |
| 3                  | 25                                  | 16  | STCC             | 0.734                                     | 0.936                                     | 0.079                     | 0.095                     | 89   | 3500                                  |
| 4                  | 25                                  | 16  | STCC             | 0.734                                     | 0.936                                     | 0.079                     | 0.095                     | 89   | 3500                                  |
| 4G                 | 25                                  | -   | STCC             | 0.734                                     | 0.936                                     | 0.079                     | 0.095                     | 89   | 3500                                  |
| 3G                 | 25                                  | -   | STCC             | 0.734                                     | 0.936                                     | 0.079                     | 0.095                     | 108  | 3500                                  |
| 5G                 | 25                                  | -   | STCC             | 0.734                                     | 0.936                                     | 0.079                     | 0.095                     | 89   | 3500                                  |
| 2                  | 35                                  | 16  | STCC             | 0.529                                     | 0.675                                     | 0.076                     | 0.092                     | 133  | 4900                                  |
| 3                  | 35                                  | 16  | STCC             | 0.529                                     | 0.675                                     | 0.076                     | 0.092                     | 110  | 4900                                  |
| 4                  | 35                                  | 16  | STCC             | 0.529                                     | 0.675                                     | 0.076                     | 0.092                     | 110  | 4900                                  |
| 4G                 | 35                                  | -   | STCC             | 0.529                                     | 0.675                                     | 0.076                     | 0.092                     | 110  | 4900                                  |
| 5G                 | 35                                  | -   | STCC             | 0.529                                     | 0.675                                     | 0.076                     | 0.092                     | 110  | 4900                                  |
| 2                  | 50                                  | 25  | STCC             | 0.391                                     | 0.499                                     | 0.076                     | 0.092                     | 167  | 7000                                  |
| 3                  | 50                                  | 25  | STCC             | 0.391                                     | 0.499                                     | 0.076                     | 0.092                     | 137  | 7000                                  |
| 4                  | 50                                  | 25  | STCC             | 0.391                                     | 0.499                                     | 0.076                     | 0.092                     | 137  | 7000                                  |
| 4G                 | 50                                  | -   | STCC             | 0.391                                     | 0.499                                     | 0.076                     | 0.092                     | 137  | 7000                                  |
| 5G                 | 50                                  | -   | STCC             | 0.391                                     | 0.499                                     | 0.076                     | 0.092                     | 137  | 7000                                  |
| 2                  | 70                                  | 35  | STCC             | 0.27                                      | 0.344                                     | 0.074                     | 0.088                     | 206  | 9800                                  |
| 3                  | 70                                  | 35  | STCC             | 0.27                                      | 0.344                                     | 0.074                     | 0.088                     | 169  | 9800                                  |
| 4                  | 70                                  | 35  | STCC             | 0.27                                      | 0.344                                     | 0.074                     | 0.088                     | 169  | 9800                                  |
| 4G                 | 70                                  | -   | STCC             | 0.27                                      | 0.344                                     | 0.074                     | 0.088                     | 169  | 9800                                  |
| 5G                 | 70                                  | -   | STCC             | 0.27                                      | 0.344                                     | 0.074                     | 0.088                     | 169  | 9800                                  |

## FlexFlame RFOU 0,6/1(1,2)kV P1/P8 Power cable

| Number of elements | Cross section core, mm <sup>2</sup> | Electrical Cross section braid, mm <sup>2</sup> | Conductor type 2 | Max. conductor resistance at 20°C, Ohm/km | Max. conductor resistance at 90°C, Ohm/km | Reactance at 50Hz, Ohm/km | Reactance at 60Hz, Ohm/km | Current rating IEC 60092-352 Table B.4, Ampere | Short circuit rating 1 second, Ampere |
|--------------------|-------------------------------------|---|------------------|---|---|---------------------------|---------------------------|--|---------------------------------------|
| 5                  | 70                                  | 35  | STCC             | 0.27                                      | 0.344                                     | 0.074                     | 0.088                     | 141.5  | 9800                                  |
| 2                  | 95                                  | 50  | STCC             | 0.195                                     | 0.249                                     | 0.073                     | 0.088                     | 249  | 13300                                 |
| 3                  | 95                                  | 50  | STCC             | 0.195                                     | 0.249                                     | 0.073                     | 0.088                     | 205  | 13300                                 |
| 4                  | 95                                  | 50  | STCC             | 0.195                                     | 0.249                                     | 0.073                     | 0.088                     | 205  | 13300                                 |
| 4G                 | 95                                  | -   | STCC             | 0.195                                     | 0.249                                     | 0.073                     | 0.088                     | 205  | 13300                                 |
| 5G                 | 120                                 | -   | STCC             | 0.154                                     | 0.196                                     | 0.072                     | 0.086                     | 237  | 16800                                 |
| 2                  | 120                                 | 60  | STCC             | 0.154                                     | 0.196                                     | 0.072                     | 0.086                     | 288  | 16800                                 |
| 3                  | 120                                 | 60  | STCC             | 0.154                                     | 0.196                                     | 0.072                     | 0.086                     | 237  | 16800                                 |
| 4                  | 120                                 | 60  | STCC             | 0.154                                     | 0.196                                     | 0.072                     | 0.086                     | 237  | 16800                                 |
| 4G                 | 120                                 | -   | STCC             | 0.154                                     | 0.196                                     | 0.072                     | 0.086                     | 237  | 16800                                 |
| 4G                 | 150                                 | -   | STCC             | 0.126                                     | 0.161                                     | 0.072                     | 0.087                     | 272  | 21000                                 |
| 4G                 | 185                                 | -   | STCC             | 0.1                                       | 0.128                                     | 0.072                     | 0.086                     | 311  | 25900                                 |
| 5                  | 16                                  | 16  | STCC             | 1.16                                      | 1.48                                      | 0.080                     | 0.096                     | 56   | 2240                                  |
| 4                  | 240                                 | 120   | STCC             | 0.0762                                    | 0.0972                                    | 0.080                     | 0.095                     | 365  | 33600                                 |

### Ambient temperature correction factors

| Ambient Temp °C | 35   | 40   | 45   | 50   | 55   | 60   | 65   | 70   | 75   | 80   |
|-----------------|------|------|------|------|------|------|------|------|------|------|
| Rating factor   | 1.10 | 1.05 | 1.00 | 0.94 | 0.88 | 0.82 | 0.74 | 0.67 | 0.58 | 0.47 |

### Installation recommendations

| Minimum Bending Radius during Installation | Minimum Bending Radius Fixed Installed | Maximum Tensile Load During Installation | Minimum Installation Temperature |
|--|--|--|----------------------------------|
| 8 x D                                      | 6 x D                                  | 50 N /mm <sup>2</sup>                    | -20°C                            |

# FlexFlame RFOU 0,6/1(1,2)kV P1/P8 Power cable

Flame retardant halogen-free power cable. Mud resistant. Single core cable.

## RFOU 0,6/1(1,2)kV EPR/EPR/TCWB/EVA

NEK TS 606 CodeP1/P8

Operating temperature : 90°C  
Operating Voltage : 0,6/1(1,2)kV

### Standards applied

|                       |                   |
|-----------------------|-------------------|
| IEC 60092-353/60502-1 | - Design          |
| IEC 60228 class 2     | - Conductor       |
| IEC 60092-351         | - Insulation      |
| IEC 60092-359         | - Sheath          |
| IEC 60332-1           | - Flame Retardant |
| IEC 60332-3-22        | - Flame Retardant |
| IEC 60754-1,2         | - Halogen Free    |
| IEC 61034-1,2         | - Low Smoke       |

### Application

Fixed installation for power, control and lighting in both EX- and safe areas, general purposes. For installation in areas exposed to MUD and drilling/cleaning fluids. Meets the MUD resistance requirement in NEK TS 606:2009.

### Construction

|                                 | Code Letter |   |
|---------------------------------|-------------|---|
| <b>Conductor</b>                |             | Tinned annealed stranded circular copper (STCC), IEC 60228 class 2                        |
| <b>Insulation</b>               | <b>R</b>    | EP-rubber, IEC 60092-351 (EPR)  |
| <b>Lay up / Shielding</b>       |             | Cores laid up in concentric layers  |
| <b>Inner covering</b>           | <b>F</b>    | Flame retardant and halogen-free thermoset compound                                       |
| <b>Tape over inner covering</b> |             | PET tape  |
| <b>Armour/screen</b>            | <b>O</b>    | Tinned annealed copper wire braid   |
| <b>Tape over armour/screen</b>  |             | PET tape  |
| <b>Outer sheath</b>             | <b>U</b>    | Flame retardant, halogen-free and mud resistant thermoset compound, SHF2 (IEC 60092-359)  |
| <b>Marking text</b>             |             | E.g. "meter" "year" DRAKA 01 RFOU 0,6/1KV P1/P8 1 x 500/25 mm <sup>2</sup> IEC 60332-3-22 |
| <b>Manufacturing unit</b>       |             | DRAKA 01 = Draka Norsk Kabel,   |
| <b>Outer sheath colour</b>      |             | Black   |

## FlexFlame RFOU 0,6/1(1,2)kV P1/P8 Power cable

### Core identification power cables

Single core - Black  
 Two cores - Blue - Brown  
 Three cores - Brown - Black - Grey  
 Four cores - Blue - Brown - Black - Grey  
 Five cores - Blue - Brown - Black - Grey - Black  
 Seven cores and above - White with black numbers  
 Two cores + earth (3G) - Yellow/green - Blue - Brown  
 Three cores + earth (4G) - Yellow/green - Brown - Black - Grey  
 Four cores + earth (5G) - Yellow/green - Blue - Brown - Black - Grey  
 G / X in cable description - G = One of the cores are yellow/green - X = no yellow/green core  
 Core identification - to HD308S2 - and IEC 60446:2007-05

### Range and dimensions

| Number of elements | Cross section core, mm <sup>2</sup> | Electrical Cross section braid, mm <sup>2</sup> | Conductor Diameter, mm | Insulation Thickness, mm | Thickness Inner covering, mm | Diameter inner covering, mm | Diameter Braid Wire, mm | Mechanical cross-section of the braid, mm <sup>2</sup> | Thickness Outer Sheath, mm | Diameter outer sheath, mm | Weight of Cable Approx. (Kg/Km) | Copper content Approx. (kg/km) |
|--------------------|-------------------------------------|---|------------------------|--------------------------|------------------------------|-----------------------------|-------------------------|--|----------------------------|---------------------------|---------------------------------|--------------------------------|
| 1                  | 400                                 | 25  | 26.00                  | 2.4                      | 1.4                          | 34.5 ± 1.5                  | 0.4                     | 31.7   | 2.1                        | 40.5 ± 2                  | 5070                            | 3970                           |
| 1                  | 500                                 | 25  | 29.0                   | 2.4                      | 1.4                          | 38 ± 1.5                    | 0.4                     | 36.2   | 2.2                        | 44 ± 2                    | 6220                            | 4923                           |
| 1                  | 630                                 | 25  | 32.80                  | 2.4                      | 1.4                          | 41.5 ± 2                    | 0.4                     | 40.7   | 2.3                        | 48 ± 2                    | 7650                            | 6195                           |

### Ordering information

| Part number | Description                  | Sheath Colour | Stock item | EAN No. DNK   | EL No. |
|-------------|------------------------------|---------------|------------|---------------|--------|
| 800011      | RFOU 0.6/1kV 1X 400/25 P1/P8 | BLACK         | -          | 7021528000115 | -      |
| 800012      | RFOU 0.6/1kV 1X 500/25 P1/P8 | BLACK         | -          | 7021528000122 | -      |
| 800013      | RFOU 0.6/1kV 1X 630/25 P1/P8 | BLACK         | -          | 7021528000139 | -      |

### Electrical values power cables

| Number of elements | Cross section core, mm <sup>2</sup> | Electrical Cross section braid, mm <sup>2</sup> | Conductor type 2 | Max. conductor resistance at 20°C, Ohm/km | Max. conductor resistance at 90°C, Ohm/km | Reactance at 50Hz, Ohm/km | Reactance at 60Hz, Ohm/km | Current rating IEC 60092-352 Table B.4, Ampere | Short circuit rating 1 second, Ampere |
|--------------------|-------------------------------------|---|------------------|---|---|---------------------------|---------------------------|--|---------------------------------------|
| 1                  | 400                                 | 25  | STCC             | 0.0475                                    | 0.0606                                    | 0.087                     | 0.104                     | 690 dc / 670 ac                                | 56000                                 |
| 1                  | 500                                 | 25  | STCC             | 0.0369                                    | 0.0471                                    | 0.085                     | 0.103                     | 780 dc / 720 ac                                | 70000                                 |
| 1                  | 630                                 | 25  | STCC             | 0.0286                                    | 0.0365                                    | 0.083                     | 0.100                     | 890 dc / 780 ac                                | 88200                                 |

### Ambient temperature correction factors

| Ambient Temp °C | 35   | 40   | 45   | 50   | 55   | 60   | 65   | 70   | 75   | 80   |
|-----------------|------|------|------|------|------|------|------|------|------|------|
| Rating factor   | 1.10 | 1.05 | 1.00 | 0.94 | 0.88 | 0.82 | 0.74 | 0.67 | 0.58 | 0.47 |

### Installation recommendations

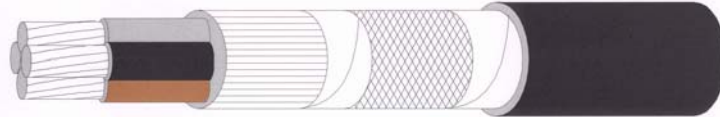
| Minimum Bending Radius during Installation | Minimum Bending Radius Fixed Installed | Maximum Tensile Load During Installation | Minimum Installation Temperature |
|--|--|--|----------------------------------|
| 8 x D                                      | 6 x D                                  | 50 N /mm <sup>2</sup>                    | -20°C                            |

## FlexFlame RFOU 0,6/1(1,2)kV P1/P8 Power cable

Flame retardant halogen-free power cable. Mud resistant. Double braided.

**RFOU 0,6/1(1,2)kV**  
EPR/EPR/TCWB/EVA

NEK TS 606 CodeP1/P8



Operating temperature : 90°C  
Operating Voltage : 0,6/1(1,2)kV

### Standards applied

### Application

Fixed installation for power, control and lighting in both EX- and safe areas, general purposes. For installation in areas exposed to MUD and drilling/cleaning fluids. Meets the MUD resistance requirement in NEK TS 606:2009.

|                   |                   |
|-------------------|-------------------|
| IEC 60092-353     | - Design          |
| IEC 60228 class 2 | - Conductor       |
| IEC 60092-351     | - Insulation      |
| IEC 60092-359     | - Sheath          |
| IEC 60332-1       | - Flame Retardant |
| IEC 60332-3-22    | - Flame Retardant |
| IEC 60754-1,2     | - Halogen Free    |
| IEC 61034-1,2     | - Low Smoke       |

### Construction

|                                 | Code Letter |   |
|---------------------------------|-------------|---|
| <b>Conductor</b>                |             | Tinned annealed stranded circular copper (STCC), IEC 60228 class 2                        |
| <b>Insulation</b>               | <b>R</b>    | EP-rubber, IEC 60092-351 (EPR)  |
| <b>Lay up / Shielding</b>       |             | Cores laid up in concentric layers  |
| <b>Inner covering</b>           | <b>F</b>    | Flame retardant and halogen-free thermoset compound                                       |
| <b>Tape over inner covering</b> |             | PET tape + rubberized Polyamide tape  |
| <b>Armour/screen</b>            | <b>O</b>    | Two layers of tinned copper wire braid (double braid)                                     |
| <b>Tape over armour/screen</b>  |             | PET tape + rubberized Polyamide tape  |
| <b>Outer sheath</b>             | <b>U</b>    | Flame retardant, halogen-free and mud resistant thermoset compound, SHF2 (IEC 60092-359)  |
| <b>Marking text</b>             |             | E.g. "meter" "year" DRAKA 01 RFOU 0,6/1kV P1/P8 3 x 185/95 mm <sup>2</sup> IEC 60332-3-22 |
| <b>Manufacturing unit</b>       |             | DRAKA 01 = Draka Norsk Kabel,   |
| <b>Outer sheath colour</b>      |             | Black   |

## FlexFlame RFOU 0,6/1(1,2)kV P1/P8 Power cable

### Core identification power cables

Single core - Black

Two cores - Blue - Brown

Three cores - Brown - Black - Grey

Four cores - Blue - Brown - Black - Grey

Five cores - Blue - Brown - Black - Grey - Black

Seven cores and above - White with black numbers

Two cores + earth (3G) - Yellow/green - Blue - Brown

Three cores + earth (4G) - Yellow/green - Brown - Black - Grey

Four cores + earth (5G) - Yellow/green - Blue - Brown - Black - Grey

G / X in cable description - G = One of the cores are yellow/green - X = no yellow/green core

Core identification - to HD308S2 - and IEC 60446:2007-05

### Range and dimensions

| Number of elements | Cross section core, mm <sup>2</sup> | Electrical Cross section braid, mm <sup>2</sup> | Conductor Diameter, mm | Insulation Thickness, mm | Thickness Inner covering, mm | Diameter inner covering, mm | Diameter Braid Wire, mm | Mechanical cross-section of the braid, mm <sup>2</sup> | Thickness Outer Sheath, mm | Diameter outer sheath, mm | Weight of Cable Approx. (Kg/Km) | Copper content Approx. (kg/km) |
|--------------------|-------------------------------------|---|------------------------|--------------------------|------------------------------|-----------------------------|-------------------------|--|----------------------------|---------------------------|---------------------------------|--------------------------------|
| 3                  | 185                                 | 95  | 17.70                  | 2.0                      | 1.6                          | 50.5 ± 2.5                  | 0.5                     | 127.2  | 2.7                        | 59.5 ± 2.5                | 9230                            | 6283                           |
| 3                  | 150                                 | 70  | 15.9                   | 1.8                      | 1.6                          | 46 ± 2                      | 0.4                     | 90.5   | 2.6                        | 54 ± 2.5                  | 7460                            | 4971                           |
| 4                  | 150                                 | 70  | 15.9                   | 1.8                      | 2                            | 51.5 ± 2.5                  | 0.4                     | 90.5   | 2.8                        | 60.5 ± 3                  | 9400                            | 6373                           |
| 4                  | 185                                 | 95  | 17.7                   | 2.0                      | 2                            | 57 ± 2.5                    | 0.5                     | 113.1  | 3                          | 67 ± 3                    | 11430                           | 7837                           |
| 3                  | 240                                 | 120   | 20.15                  | 2.2                      | 1.8                          | 57.5 ± 2.5                  | 0.6                     | 142.5  | 3                          | 68 ± 3                    | 11800                           | 8046                           |

### Ordering information

| Part number | Description                   | Sheath Colour | Stock item | EAN No. DNK   | EL No.  |
|-------------|-------------------------------|---------------|------------|---------------|---------|
| 800093      | RFOU 0.6/1kV 3X 185/95 P1/P8  | BLACK         | -          | 7021528000931 | -       |
| 800102      | RFOU 0.6/1kV 3X 150/70 P1/P8  | BLACK         | -          | 7021528001020 | 1044252 |
| 800109      | RFOU 0.6/1kV 4X 150/70 P1/P8  | BLACK         | -          | 7021528001099 | -       |
| 800111      | RFOU 0.6/1kV 4X 185/95 P1/P8  | BLACK         | -          | 7021528001112 | -       |
| 800112      | RFOU 0.6/1kV 3X 240/120 P1/P8 | BLACK         | -          | 7021528001129 | -       |

### Electrical values power cables

| Number of elements | Cross section core, mm <sup>2</sup> | Electrical Cross section braid, mm <sup>2</sup> | Conductor type 2 | Max. conductor resistance at 20°C, Ohm/km | Max. conductor resistance at 90°C, Ohm/km | Reactance at 50Hz, Ohm/km | Reactance at 60Hz, Ohm/km | Current rating IEC 60092-352 Table B.4, Ampere | Short circuit rating 1 second, Ampere |
|--------------------|-------------------------------------|---|------------------|---|---|---------------------------|---------------------------|--|---------------------------------------|
| 3                  | 185                                 | 95  | STCC             | 0.1                                       | 0.128                                     | 0.072                     | 0.086                     | 311  | 25900                                 |
| 3                  | 150                                 | 70  | STCC             | 0.126                                     | 0.161                                     | 0.072                     | 0.087                     | 272  | 21000                                 |
| 4                  | 150                                 | 70  | STCC             | 0.126                                     | 0.161                                     | 0.072                     | 0.087                     | 272  | 21000                                 |
| 4                  | 185                                 | 95  | STCC             | 0.1                                       | 0.161                                     | 0.072                     | 0.086                     | 311  | 25900                                 |
| 3                  | 240                                 | 120   | STCC             | 0.0762                                    | 0.0972                                    | 0.072                     | 0.086                     | 365  | 33600                                 |

### Ambient temperature correction factors

| Ambient Temp °C | 35   | 40   | 45   | 50   | 55   | 60   | 65   | 70   | 75   | 80   |
|-----------------|------|------|------|------|------|------|------|------|------|------|
| Rating factor   | 1.10 | 1.05 | 1.00 | 0.94 | 0.88 | 0.82 | 0.74 | 0.67 | 0.58 | 0.47 |

### Installation recommendations

| Minimum Bending Radius during Installation | Minimum Bending Radius Fixed Installed | Maximum Tensile Load During Installation | Minimum Installation Temperature |
|--|--|--|----------------------------------|
| 8 x D                                      | 6 x D                                  | 50 N /mm <sup>2</sup>                    | -20°C                            |