



## RV-K Flexible Power Cable

Class 5 stranded copper conductors / XLPE insulated / PVC sheathed.

|                               |   |
|-------------------------------|---|
| <b>Applications:</b>          | Suitable for the distribution of low voltage power indoors and outdoors. The high flexibility of this cable makes it particularly suitable for difficult layouts and the ease of handling saves time during installation. |
| <b>Sheath colour:</b>         | Black   |
| <b>Voltage:</b>               | 0.6 / 1kV   |
| <b>Operating Temperature:</b> | -15°C to + 90°C   |
| <b>Colour code:</b>           | 1 core - Black<br>2 core – Blue and Brown<br>3 core – Brown, Blue and Green / Yellow<br>4 core – Brown, Black, Grey and Green / Yellow<br>5 core – Brown, Black, Grey, Blue, Green / Yellow                               |
| <b>Standards:</b>             | UNE 21123-2 Design and testing standard<br>IEC 60502-1 Design and testing standard<br>EN 60332-1-2 Flame retardant (single wire)<br>IEC 60332-1-2 Flame retardant (single wire)   |
| <b>Designation:</b>           | R – XLPE insulation<br>V – PVC sheath<br>-K – Flexible conductor  |

| Size mm <sup>2</sup> | Overall Diameter mm | Weight Kg/km | Bending radius mm | Current rating 40°C | Current rating 25°C | BATT part no. |
|----------------------|---------------------|--------------|-------------------|---------------------|---------------------|---------------|
| 1 x 1.5              | 5.7                 | 45           | 25                | 19                  | 27                  | -             |
| 1 x 2.5              | 6.1                 | 60           | 25                | 27                  | 36                  | -             |
| 1 x 4                | 6.7                 | 75           | 30                | 37                  | 46                  | -             |
| 1 x 6                | 7.2                 | 95           | 30                | 48                  | 58                  | -             |
| 1 x 10               | 8.2                 | 140          | 35                | 67                  | 78                  | 37808         |
| 1 x 16               | 9.2                 | 195          | 40                | 91                  | 100                 | 37809         |
| 1 x 25               | 10.8                | 285          | 45                | 122                 | 125                 | 37810         |
| 1 x 35               | 11.9                | 375          | 50                | 153                 | 150                 | 37811         |
| 1 x 50               | 13.5                | 515          | 55                | 188                 | 185                 | 37650         |
| 1 x 70               | 15.6                | 710          | 65                | 243                 | 225                 | -             |
| 1 x 95               | 17.4                | 920          | 70                | 298                 | 260                 | 37812         |
| 1 x 120              | 19.4                | 1160         | 80                | 348                 | 300                 | 37785         |
| 1 x 150              | 21.4                | 1435         | 90                | 404                 | 340                 | 37257         |
| 1 x 185              | 23.3                | 1735         | 95                | 464                 | 380                 | 37786         |
| 1 x 240              | 26.6                | 2290         | 135               | 552                 | 445                 | 37259         |
| 1 x 300              | 30.2                | 2885         | 155               | 639                 | 500                 | 37803         |
| 1 x 400              | 34.8                | 3920         | 175               | 748                 | 590                 | -             |
| 1 x 500              | 39.1                | 5015         | 200               | 860                 | 670                 | -             |
| 1 x 630              | 43.7                | 6585         | 220               | 990                 | 790                 | -             |
| 2 x 1.5              | 8.6                 | 100          | 35                | 23                  | 27                  | 37755         |
| 2 x 2.5              | 9.4                 | 130          | 40                | 32                  | 36                  | 37726         |
| 2 x 4                | 10.5                | 170          | 45                | 44                  | 46                  | 37739         |
| 2 x 6                | 11.6                | 220          | 50                | 57                  | 58                  | -             |
| 2 x 10               | 13.5                | 330          | 55                | 78                  | 77                  | -             |
| 2 x 16               | 15.5                | 465          | 65                | 104                 | 100                 | -             |
| 2 x 25               | 18.8                | 700          | 75                | 135                 | 128                 | -             |
| 2 x 35               | 21.2                | 940          | 85                | 168                 | 154                 | -             |

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| Size mm <sup>2</sup> | Overall Diameter mm | Weight Kg/km | Bending radius mm | Current rating 40°C | Current rating 25°C | BATT part no. |
|----------------------|---------------------|--------------|-------------------|---------------------|---------------------|---------------|
| 2 x 50               | 21.3                | 1160         | 85                | 204                 | 183                 | -             |
| 2 x 70               | 24.7                | 1600         | 100               | 262                 | 224                 | -             |
| 2 x 95               | 27.7                | 2075         | 140               | 320                 | 265                 | -             |
| 2 x 120              | 31.3                | 2640         | 160               | 373                 | 302                 | -             |
| 2 x 150              | 34.5                | 3255         | 175               | 430                 | 342                 | -             |
| 2 x 185              | 37.8                | 3950         | 190               | 493                 | 383                 | -             |
| 2 x 240              | 43.3                | 5220         | 220               | 583                 | 442                 | -             |
| 3 G 1.5              | 9.0                 | 115          | 40                | 23                  | 27                  | 37613         |
| 3 G 2.5              | 9.9                 | 155          | 40                | 32                  | 36                  | 37612         |
| 3 G 4                | 11.1                | 205          | 45                | 44                  | 46                  | 37714         |
| 3 G 6                | 12.3                | 275          | 50                | 57                  | 58                  | 37752         |
| 3 G 10               | 14.3                | 415          | 60                | 78                  | 77                  | 37753         |
| 3 G 16               | 16.5                | 600          | 70                | 104                 | 100                 | 37754         |
| 3 x 25               | 20.0                | 900          | 80                | 115                 | 106                 | -             |
| 3 x 35               | 22.7                | 1225         | 95                | 143                 | 129                 | 37792         |
| 3 x 50               | 24.9                | 1555         | 100               | 174                 | 152                 | -             |
| 3 x 70               | 29.2                | 2170         | 150               | 223                 | 187                 | -             |
| 3 x 95               | 32.5                | 2805         | 165               | 271                 | 222                 | -             |
| 3 x 120              | 36.7                | 3560         | 185               | 314                 | 253                 | -             |
| 3 x 150              | 40.6                | 4415         | 205               | 363                 | 286                 | -             |
| 3 x 185              | 44.3                | 5340         | 225               | 414                 | 320                 | -             |
| 3 x 240              | 50.8                | 7050         | 305               | 489                 | 370                 | 37703         |
| 3 x 300              | 64.1                | 10705        | 385               | 565                 | 418                 | -             |
| 4 G 1.5              | 9.9                 | 140          | 40                | 20                  | 23                  | 37771         |
| 4 G 2.5              | 10.9                | 185          | 45                | 29                  | 30                  | 37614         |
| 4 G 4                | 12.2                | 255          | 50                | 38                  | 38                  | 37618         |
| 4 G 6                | 13.5                | 340          | 55                | 49                  | 48                  | 37743         |
| 4 G 10               | 15.8                | 525          | 65                | 68                  | 64                  | 37778         |
| 4 G 16               | 18.3                | 760          | 75                | 91                  | 82                  | 37790         |
| 4 x 25               | 22.4                | 1155         | 90                | 115                 | 106                 | 37619         |
| 4 x 35               | 25.1                | 1560         | 125               | 143                 | 129                 | 37711         |
| 4 x 50               | 27.5                | 2075         | 140               | 174                 | 152                 | 37710         |
| 4 x 70               | 32.3                | 2900         | 165               | 223                 | 187                 | 37791         |
| 4 x 95               | 35.6                | 3735         | 180               | 271                 | 222                 | 37708         |
| 4 x 120              | 40.5                | 4770         | 206               | 314                 | 253                 | -             |
| 4 x 150              | 44.5                | 5895         | 225               | 363                 | 296                 | -             |
| 4 x 185              | 49.2                | 7190         | 250               | 414                 | 320                 | -             |
| 4 x 240              | 56.4                | 9495         | 340               | 489                 | 370                 | 37704         |
| 5 G 1.5              | 10.8                | 170          | 45                | 20                  | 23                  | 37621         |
| 5 G 2.5              | 11.9                | 225          | 50                | 29                  | 30                  | 37623         |
| 5 G 4                | 13.4                | 310          | 55                | 38                  | 38                  | 37794         |
| 5 G 6                | 14.9                | 420          | 60                | 49                  | 48                  | 37802         |
| 5 G 10               | 17.5                | 645          | 70                | 88                  | 64                  | 37751         |
| 5 G 18               | 20.2                | 925          | 85                | 91                  | 82                  | 37713         |
| 5 G 25               | 24.6                | 1410         | 100               | 115                 | 106                 | 37712         |
| 5 G 35               | 27.8                | 1905         | 140               | 143                 | 129                 | 37806         |
| 5 G 50               | 32.5                | 2670         | 165               | 174                 | 152                 | 37709         |
| 5 G 70               | 39.6                | 4075         | 200               | 223                 | 187                 | 37799         |
| 5 G 95               | 44.6                | 5320         | 225               | 271                 | 222                 | 37707         |
| 5 G 120              | 50.4                | 6765         | 305               | 314                 | 253                 | 37706         |
| 5 G 150              | 55.7                | 8380         | 335               | 383                 | 288                 | -             |
| 7G 1.5               | 11.8                | 210          | 47                | -                   | -                   | 37658         |
| 7G 2.5               | 13.0                | 285          | 78                | -                   | -                   | 37779         |