



## VITALink® RC90 Single Conductor 2-Hour Fire Rated Power Cable

| Product Code | Size (AWG kcmil) | # of Cond. | Nom. Core Diameter (In) | Nom. Armor Diameter (In) | Approximate Net Weight (Lbs/1000 ft) | Ampacity 75°C/90°C Amps* |
|--------------|------------------|------------|-------------------------|--------------------------|--------------------------------------|--------------------------|
| <b>0</b>     |                  |            |                         |                          |                                      | 230/260                  |
| 012 0 100    | 2/0              | 1          | 0.70                    | 1.04                     | 925                                  | 265/300                  |
| 013 0 100    | 3/0              | 1          | 0.75                    | 1.08                     | 1 055                                | 310/350                  |
| 014 0 100    | 4/0              | 1          | 0.81                    | 1.16                     | 1 235                                | 360/405                  |
| 01250 100    | 250              | 1          | 0.89                    | 1.22                     | 1 410                                | 405/455                  |
| 01350 100    | 350              | 1          | 0.99                    | 1.35                     | 1 795                                | 505/570                  |
| 01500 100    | 500              | 1          | 1.13                    | 1.50                     | 2 350                                | 620/700                  |
| 01750 100    | 750              | 1          | 1.34                    | 1.73                     | 3 285                                | 785/885                  |

\*Ampacity per CEC Table 1

## VITALink® RC90 Multi Conductor 2-Hour Fire Rated Power Cable

| Product Code | Size (AWG kcmil) | # of Cond. | Nom. Core Diameter (In) | Nom. Armor Diameter (In) | Approximate Net Weight (Lbs/1000 ft) | Ampacity 75°C/90°C Amps** |
|--------------|------------------|------------|-------------------------|--------------------------|--------------------------------------|---------------------------|
| <b>0</b>     |                  |            |                         |                          |                                      | 20/25                     |
| 02012 100    | 12               | 2          | 0.53                    | 0.82                     | 415                                  | 25/30                     |
| 02010 100    | 10               | 2          | 0.58                    | 0.89                     | 475                                  | 40/45                     |
| 03014 100    | 14               | 3          | 0.52                    | 0.82                     | 425                                  | 20/25                     |
| 03012 100    | 12               | 3          | 0.56                    | 0.89                     | 475                                  | 25/30                     |
| 03010 100    | 10               | 3          | 0.61                    | 0.94                     | 542                                  | 35/40                     |
| 03008 100    | 8                | 3          | 0.72                    | 1.04                     | 675                                  | 50/55                     |
| 03006 100    | 6                | 3          | 0.80                    | 1.16                     | 840                                  | 65/75                     |
| 03004 100    | 4                | 3          | 0.91                    | 1.24                     | 1 140                                | 85/95                     |
| 03003 100    | 3                | 3          | 0.97                    | 1.30                     | 1 210                                | 100/115                   |
| 03002 100    | 2                | 3          | 1.04                    | 1.41                     | 1 400                                | 115/130                   |
| 03001 100    | 1                | 3          | 1.21                    | 1.59                     | 1 715                                | 130/145                   |
| 031 0 100    | 1/0              | 3          | 1.29                    | 1.67                     | 1 990                                | 150/170                   |
| 032 0 100    | 2/0              | 3          | 1.39                    | 1.80                     | 2 345                                | 175/195                   |
| 033 0 100    | 3/0              | 3          | 1.49                    | 1.92                     | 2 755                                | 200/225                   |
| 034 0 100    | 4/0              | 3          | 1.62                    | 2.04                     | 3 305                                | 230/260                   |
| 03250 100    | 250              | 3          | 1.80                    | 2.26                     | 3 870                                | 255/290                   |
| 03350 100    | 350              | 3          | 2.02                    | 2.48                     | 5 015                                | 310/350                   |
| 03500 100    | 500              | 3          | 2.30                    | 2.82                     | 6 720                                | 380/430                   |
| 04014 100    | 14               | 4          | 0.57                    | 0.89                     | 480                                  | 20/25                     |
| 04012 100    | 12               | 4          | 0.62                    | 0.94                     | 575                                  | 25/30                     |
| 04010 100    | 10               | 4          | 0.67                    | 1.00                     | 635                                  | 35/40                     |
| 04008 100    | 8                | 4          | 0.80                    | 1.16                     | 815                                  | 50/55                     |
| 04006 100    | 6                | 4          | 0.89                    | 1.22                     | 990                                  | 65/75                     |
| 04004 100    | 4                | 4          | 1.00                    | 1.35                     | 1 285                                | 85/95                     |
| 04003 100    | 3                | 4          | 1.07                    | 1.41                     | 1 475                                | 100/115                   |
| 04002 100    | 2                | 4          | 1.15                    | 1.50                     | 1 710                                | 115/130                   |
| 04001 100    | 1                | 4          | 1.34                    | 1.73                     | 2 125                                | 130/145                   |
| 041 0 100    | 1/0              | 4          | 1.43                    | 1.82                     | 2 485                                | 150/170                   |
| 042 0 100    | 2/0              | 4          | 1.54                    | 1.95                     | 2 935                                | 175/195                   |
| 043 0 100    | 3/0              | 4          | 1.68                    | 2.12                     | 3 530                                | 200/225                   |
| 044 0 100    | 4/0              | 4          | 1.82                    | 2.26                     | 4 205                                | 230/260                   |
| 04250 100    | 250              | 4          | 2.00                    | 2.46                     | 4 925                                | 255/290                   |
| 04350 100    | 350              | 4          | 2.25                    | 2.71                     | 6 420                                | 310/350                   |
| 04500 100    | 500              | 4          | 2.60                    | 3.13                     | 8 740                                | 380/430                   |
| 05014 100    | 14               | 5          | 0.63                    | 0.94                     | 535                                  | 20/25                     |
| 05012 100    | 12               | 5          | 0.68                    | 1.00                     | 615                                  | 25/30                     |
| 05010 100    | 10               | 5          | 0.74                    | 1.08                     | 720                                  | 35/40                     |
| 05008 100    | 8                | 5          | 0.88                    | 1.22                     | 930                                  | 50/55                     |
| 05006 100    | 6                | 5          | 0.99                    | 1.30                     | 1 160                                | 65/75                     |
| 05004 100    | 4                | 5          | 1.11                    | 1.48                     | 1 525                                | 85/95                     |

\*\*CEC Table 2 for three current carrying conductors



Marmon Engineered Wire & Cable LLC  
A Berkshire Hathaway Company