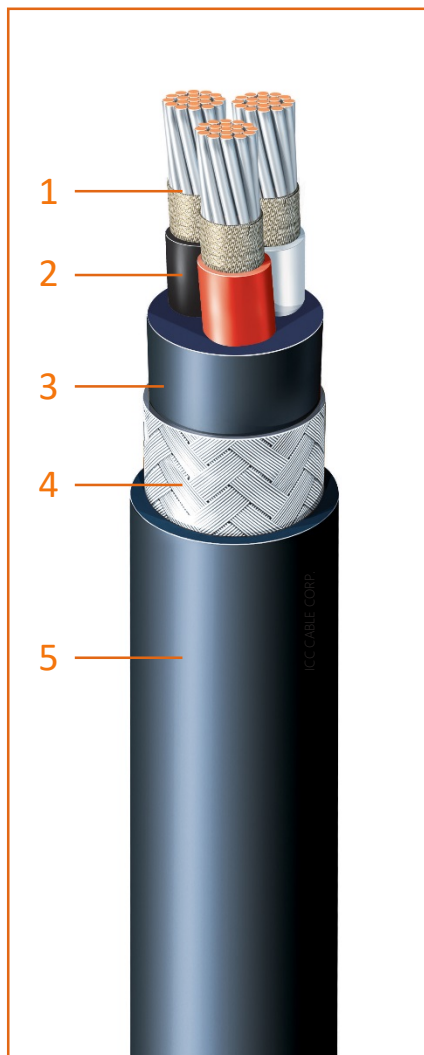


## 0.6/1KV BFOU FIRE RESISTANT, LSZH, MUD RESISTANT CABLE, P5/P12



### PRODUCT DESCRIPTION

0.6/1KV ONE - FIVE CONDUCTOR, MULTI-CONDUCTOR  
MARINE/OFFSHORE POWER & LIGHTING CABLE  
90°C TEMPERATURE RATING  
LOW SMOKE HALOGEN-FREE  
MUD RESISTANT  
FIRE RESISTANT & FLAME RETARDANT  
ABS, DNV-GL, LLOYD, RINA APPROVED

### PRODUCT CONSTRUCTION

#### 1. CONDUCTOR

STRANDED TINNED ANNEALED COPPER WIRE  
MICA/GLASS TAPE FOR FIRE RESISTANT LAYER  
CLASS 5 FLEXIBLE CONDUCTOR OPTIONS AVAILABLE

#### 2. INSULATION

HALOGEN FREE ETHYLENE PROPYLENE RUBBER (EPR)

#### 3. INNER COVERING/BEDDING

FLAME RETARDANT HALOGEN FREE COMPOUND

#### 4. ARMOR

TINNED COPPER WIRE BRAID  
BRONZE WIRE/GALVANIZED STEEL WIRE OPTIONS AVAILABLE

#### 5. SHEATH

SHF MUD (P5/P12)  
BLACK COLOR

LSZH CABLE



### STANDARDS

- DESIGN GUIDE: NEK 606, IEC 60092-353
- CONDUCTOR: IEC 60228 CLASS 2
- INSULATION & SHEATH: IEC 60092-360
- FLAME RETARDANT: IEC 60332-1/3 CAT.A
- FIRE RESISTANT: IEC 60331-1/2/21
- MUD RESISTANT: NEK 606
- HALOGEN FREE: IEC 60754-1,  $\leq 0.5\%$
- LOW SMOKE: IEC 61034,  $>60\%$
- COLD BEND/IMPACT:  
CSA 22.2 NO. 03 (-40°C/-35°C)
- ARCTIC OPTIONS AVAILABLE:  
CSA 22.2 NO. 03 (-65°C/-65°C)

## 0.6/1V BFOU FIRE RESISTANT, LSZH, MUD RESISTANT CABLE, P5/P12

### 0.6/1KV BFOU CABLE: COLOR CODE

| # OF CORES<br>(WITHOUT EARTH) | COLOR CODE                          | # OF CORES<br>(WITH EARTH) | COLOR CODE  |
|-------------------------------|-------------------------------------|----------------------------|---|
| 1C                            | WHITE OR BLACK                      | -                          | -   |
| 2C                            | WHITE, BLACK                        | -                          | -   |
| 3C                            | WHITE, BLACK, RED                   | 2C + E                     | WHITE, BLACK, GREEN/YELLOW                        |
| 4C                            | WHITE, BLACK, RED, BLUE             | 3C + E                     | WHITE, BLACK, RED,<br>GREEN/YELLOW                |
| 5C                            | BLACK NUMBER ON<br>WHITE INSULATION | 4C + E                     | WHITE, BLACK, RED, BLUE,<br>GREEN/YELLOW          |
| 6C AND OVER                   | BLACK NUMBER ON<br>WHITE INSULATION | 5C + E OR OVER             | BLACK NUMBER ON WHITE<br>INSULATION, GREEN/YELLOW |

LSZH CABLE

### 0.6/1KV BFOU CABLE: SINGLE CONDUCTOR

| PART NO.        | CONDUCTOR     |                            | NOMINAL OD |       | WEIGHT  |       | AMPACITY |
|-----------------|---------------|----------------------------|------------|-------|---------|-------|----------|
|                 | # OF<br>CORES | SIZE<br>(MM <sup>2</sup> ) | INCHES     | MM    | LBS/MFT | KG/KM | 90°C     |
| NEK-BFOU/B1C1.5 | 1             | 1.5                        | 0.39       | 9.80  | 114     | 170   | 23       |
| NEK-BFOU/B1C2.5 | 1             | 2.5                        | 0.40       | 10.20 | 128     | 190   | 30       |
| NEK-BFOU/B1C4   | 1             | 4                          | 0.42       | 10.70 | 141     | 210   | 40       |
| NEK-BFOU/B1C6   | 1             | 6                          | 0.45       | 11.50 | 168     | 250   | 52       |
| NEK-BFOU/B1C10  | 1             | 10                         | 0.49       | 12.40 | 208     | 310   | 72       |
| NEK-BFOU/B1C16  | 1             | 16                         | 0.53       | 13.40 | 262     | 390   | 96       |
| NEK-BFOU/B1C25  | 1             | 25                         | 0.60       | 15.30 | 356     | 530   | 127      |
| NEK-BFOU/B1C35  | 1             | 35                         | 0.65       | 16.40 | 437     | 650   | 157      |
| NEK-BFOU/B1C50  | 1             | 50                         | 0.72       | 18.40 | 558     | 830   | 196      |
| NEK-BFOU/B1C70  | 1             | 70                         | 0.80       | 20.30 | 726     | 1080  | 242      |
| NEK-BFOU/B1C95  | 1             | 95                         | 0.90       | 22.80 | 947     | 1410  | 293      |
| NEK-BFOU/B1C120 | 1             | 120                        | 0.96       | 24.40 | 1129    | 1680  | 339      |
| NEK-BFOU/B1C150 | 1             | 150                        | 1.04       | 26.40 | 1344    | 2000  | 389      |
| NEK-BFOU/B1C185 | 1             | 185                        | 1.14       | 28.90 | 1640    | 2440  | 444      |
| NEK-BFOU/B1C240 | 1             | 240                        | 1.26       | 32.10 | 2083    | 3100  | 522      |
| NEK-BFOU/B1C300 | 1             | 300                        | 1.44       | 36.50 | 2661    | 3960  | 601      |

DATA SUBJECT TO NORMAL MANUFACTURING TOLERANCES  
AMPACITY BASED ON 45°C AMBIENT TEMPERATURE; 90°C BASED ON IEC 60092-352 TABLE B.4

## 0.6/1V BFOU FIRE RESISTANT, LSZH, MUD RESISTANT CABLE, P5/P12

### 0.6/1KV BFOU CABLE: TWO CONDUCTOR

| PART NO.        | CONDUCTOR  |                         | NOMINAL OD |       | WEIGHT  |       | AMPACITY |
|-----------------|------------|-------------------------|------------|-------|---------|-------|----------|
|                 | # OF CORES | SIZE (MM <sup>2</sup> ) | INCHES     | MM    | LBS/MFT | KG/KM | 90°C     |
| NEK-BFOU/B2C1.5 | 2          | 1.5                     | 0.56       | 14.30 | 222     | 330   | 20       |
| NEK-BFOU/B2C2.5 | 2          | 2.5                     | 0.59       | 15.10 | 255     | 380   | 26       |
| NEK-BFOU/B2C4   | 2          | 4                       | 0.63       | 16.10 | 302     | 450   | 34       |
| NEK-BFOU/B2C6   | 2          | 6                       | 0.69       | 17.50 | 363     | 540   | 44       |
| NEK-BFOU/B2C10  | 2          | 10                      | 0.77       | 19.50 | 443     | 660   | 61       |
| NEK-BFOU/B2C16  | 2          | 16                      | 0.85       | 21.50 | 564     | 840   | 82       |
| NEK-BFOU/B2C25  | 2          | 25                      | 1.00       | 25.30 | 786     | 1170  | 108      |
| NEK-BFOU/B2C35  | 2          | 35                      | 1.09       | 27.70 | 974     | 1450  | 133      |
| NEK-BFOU/B2C50  | 2          | 50                      | 1.24       | 31.50 | 1257    | 1870  | 167      |
| NEK-BFOU/B2C70  | 2          | 70                      | 1.44       | 36.50 | 1761    | 2620  | 206      |
| NEK-BFOU/B2C95  | 2          | 95                      | 1.63       | 41.50 | 2291    | 3410  | 249      |
| NEK-BFOU/B2C120 | 2          | 120                     | 1.78       | 45.30 | 2775    | 4130  | 288      |
| NEK-BFOU/B2C150 | 2          | 150                     | 1.94       | 49.30 | 3293    | 4900  | 331      |
| NEK-BFOU/B2C185 | 2          | 185                     | 2.13       | 54.10 | 3998    | 5950  | 377      |
| NEK-BFOU/B2C240 | 2          | 240                     | 2.41       | 61.30 | 5154    | 7670  | 444      |
| NEK-BFOU/B2C300 | 2          | 300                     | 2.65       | 67.30 | 6256    | 9310  | 511      |

DATA SUBJECT TO NORMAL MANUFACTURING TOLERANCES  
AMPACITY BASED ON 45°C AMBIENT TEMPERATURE; 90°C BASED ON IEC 60092-352 TABLE B.4

### 0.6/1KV BFOU CABLE: THREE CONDUCTOR

| PART NO.        | CONDUCTOR  |                         | NOMINAL OD |       | WEIGHT  |       | AMPACITY |
|-----------------|------------|-------------------------|------------|-------|---------|-------|----------|
|                 | # OF CORES | SIZE (MM <sup>2</sup> ) | INCHES     | MM    | LBS/MFT | KG/KM | 90°C     |
| NEK-BFOU/B3C1.5 | 3          | 1.5                     | 0.59       | 14.90 | 249     | 370   | 16       |
| NEK-BFOU/B3C2.5 | 3          | 2.5                     | 0.62       | 15.80 | 289     | 430   | 21       |
| NEK-BFOU/B3C4   | 3          | 4                       | 0.67       | 17.10 | 349     | 520   | 28       |
| NEK-BFOU/B3C6   | 3          | 6                       | 0.72       | 18.40 | 423     | 630   | 36       |
| NEK-BFOU/B3C10  | 3          | 10                      | 0.81       | 20.50 | 538     | 800   | 50       |
| NEK-BFOU/B3C16  | 3          | 16                      | 0.90       | 22.90 | 706     | 1050  | 67       |
| NEK-BFOU/B3C25  | 3          | 25                      | 1.05       | 26.70 | 988     | 1470  | 89       |
| NEK-BFOU/B3C35  | 3          | 35                      | 1.15       | 29.30 | 1243    | 1850  | 110      |
| NEK-BFOU/B3C50  | 3          | 50                      | 1.35       | 34.40 | 1687    | 2510  | 137      |
| NEK-BFOU/B3C70  | 3          | 70                      | 1.53       | 38.80 | 2271    | 3380  | 169      |
| NEK-BFOU/B3C95  | 3          | 95                      | 1.74       | 44.20 | 2984    | 4440  | 205      |
| NEK-BFOU/B3C120 | 3          | 120                     | 1.90       | 48.20 | 3622    | 5390  | 237      |
| NEK-BFOU/B3C150 | 3          | 150                     | 2.07       | 52.50 | 4327    | 6440  | 273      |
| NEK-BFOU/B3C185 | 3          | 185                     | 2.30       | 58.50 | 5382    | 8010  | 311      |
| NEK-BFOU/B3C240 | 3          | 240                     | 2.58       | 65.50 | 6854    | 10200 | 366      |
| NEK-BFOU/B3C300 | 3          | 300                     | 2.84       | 72.00 | 8359    | 12440 | 420      |

DATA SUBJECT TO NORMAL MANUFACTURING TOLERANCES  
AMPACITY BASED ON 45°C AMBIENT TEMPERATURE; 90°C BASED ON IEC 60092-352 TABLE B.4

LSZH CABLE

## 0.6/1V BFOU FIRE RESISTANT, LSZH, MUD RESISTANT CABLE, P5/P12

### 0.6/1KV BFOU CABLE: FOUR CONDUCTOR

| PART NO.        | CONDUCTOR  |            | NOMINAL OD |       | WEIGHT  |       | AMPACITY |
|-----------------|------------|------------|------------|-------|---------|-------|----------|
|                 | # OF CORES | SIZE (MM2) | INCHES     | MM    | LBS/MFT | KG/KM | 90°C     |
| NEK-BFOU/B4C1.5 | 4          | 1.5        | 0.63       | 16.00 | 289     | 430   | 16       |
| NEK-BFOU/B4C2.5 | 4          | 2.5        | 0.68       | 17.20 | 343     | 510   | 21       |
| NEK-BFOU/B4C4   | 4          | 4          | 0.72       | 18.40 | 410     | 610   | 28       |
| NEK-BFOU/B4C6   | 4          | 6          | 0.79       | 20.00 | 504     | 750   | 36       |
| NEK-BFOU/B4C10  | 4          | 10         | 0.88       | 22.40 | 659     | 980   | 50       |
| NEK-BFOU/B4C16  | 4          | 16         | 0.98       | 25.00 | 867     | 1290  | 67       |
| NEK-BFOU/B4C25  | 4          | 25         | 1.15       | 29.30 | 1230    | 1830  | 89       |
| NEK-BFOU/B4C35  | 4          | 35         | 1.27       | 32.20 | 1559    | 2320  | 110      |
| NEK-BFOU/B4C50  | 4          | 50         | 1.50       | 38.10 | 2170    | 3230  | 137      |
| NEK-BFOU/B4C70  | 4          | 70         | 1.68       | 42.60 | 2849    | 4240  | 169      |
| NEK-BFOU/B4C95  | 4          | 95         | 1.94       | 49.20 | 3830    | 5700  | 205      |
| NEK-BFOU/B4C120 | 4          | 120        | 2.09       | 53.20 | 4603    | 6850  | 237      |
| NEK-BFOU/B4C150 | 4          | 150        | 2.31       | 58.60 | 5584    | 8310  | 273      |
| NEK-BFOU/B4C185 | 4          | 185        | 2.54       | 64.50 | 6854    | 10200 | 311      |
| NEK-BFOU/B4C240 | 4          | 240        | 2.85       | 72.40 | 8756    | 13030 | 366      |
| NEK-BFOU/B4C300 | 4          | 300        | 3.15       | 80.10 | 10792   | 16060 | 420      |

DATA SUBJECT TO NORMAL MANUFACTURING TOLERANCES  
AMPACITY BASED ON 45°C AMBIENT TEMPERATURE: 90°C BASED ON IEC 60092-352 TABLE B.4

### 0.6/1KV BFOU CABLE: FIVE CONDUCTOR

| PART NO.        | CONDUCTOR  |            | NOMINAL OD |       | WEIGHT  |       | AMPACITY |
|-----------------|------------|------------|------------|-------|---------|-------|----------|
|                 | # OF CORES | SIZE (MM2) | INCHES     | MM    | LBS/MFT | KG/KM | 90°C     |
| NEK-BFOU/B5C1.5 | 5          | 1.5        | 0.69       | 17.40 | 336     | 500   | -        |
| NEK-BFOU/B5C2.5 | 5          | 2.5        | 0.73       | 18.50 | 396     | 590   | -        |
| NEK-BFOU/B5C4   | 5          | 4          | 0.79       | 20.00 | 484     | 720   | -        |
| NEK-BFOU/B5C6   | 5          | 6          | 0.85       | 21.60 | 591     | 880   | -        |
| NEK-BFOU/B5C10  | 5          | 10         | 0.96       | 24.30 | 779     | 1160  | -        |
| NEK-BFOU/B5C16  | 5          | 16         | 1.07       | 27.20 | 1035    | 1540  | -        |
| NEK-BFOU/B5C25  | 5          | 25         | 1.26       | 32.10 | 1492    | 2220  | -        |
| NEK-BFOU/B5C35  | 5          | 35         | 1.45       | 36.70 | 2023    | 3010  | -        |
| NEK-BFOU/B5C50  | 5          | 50         | 1.65       | 42.00 | 2641    | 3930  | -        |
| NEK-BFOU/B5C70  | 5          | 70         | 1.87       | 47.40 | 3521    | 5240  | -        |
| NEK-BFOU/B5C95  | 5          | 95         | 2.13       | 54.00 | 4657    | 6930  | -        |
| NEK-BFOU/B5C120 | 5          | 120        | 2.34       | 59.30 | 5712    | 8500  | -        |
| NEK-BFOU/B5C150 | 5          | 150        | 2.54       | 64.60 | 6834    | 10170 | -        |
| NEK-BFOU/B5C185 | 5          | 185        | 2.81       | 71.40 | 8426    | 12540 | -        |
| NEK-BFOU/B5C240 | 5          | 240        | 3.17       | 80.50 | 10839   | 16130 | -        |

DATA SUBJECT TO NORMAL MANUFACTURING TOLERANCES  
AMPACITY BASED ON 45°C AMBIENT TEMPERATURE: 90°C BASED ON IEC 60092-352 TABLE B.4

LSZH CABLE

## 0.6/1V BFOU FIRE RESISTANT, LSZH, MUD RESISTANT CABLE, P5/P12

### 0.6/1KV BFOU CABLE: MULTI-CONDUCTOR

| PART NO.         | CONDUCTOR  |                         | NOMINAL OD |       | WEIGHT  |       |
|------------------|------------|-------------------------|------------|-------|---------|-------|
|                  | # OF CORES | SIZE (MM <sup>2</sup> ) | INCHES     | MM    | LBS/MFT | KG/KM |
| NEK-BFOU/B2C1.0  | 2          | 1.0                     | 0.53       | 13.50 | 188     | 280   |
| NEK-BFOU/B5C1.0  | 5          | 1.0                     | 0.65       | 16.40 | 282     | 420   |
| NEK-BFOU/B7C1.0  | 7          | 1.0                     | 0.70       | 17.70 | 336     | 500   |
| NEK-BFOU/B8C1.0  | 8          | 1.0                     | 0.74       | 18.90 | 370     | 550   |
| NEK-BFOU/B9C1.0  | 9          | 1.0                     | 0.80       | 20.20 | 410     | 610   |
| NEK-BFOU/B10C1.0 | 10         | 1.0                     | 0.85       | 21.70 | 450     | 670   |
| NEK-BFOU/B12C1.0 | 12         | 1.0                     | 0.89       | 22.50 | 504     | 750   |
| NEK-BFOU/B14C1.0 | 14         | 1.0                     | 0.93       | 23.50 | 551     | 820   |
| NEK-BFOU/B16C1.0 | 16         | 1.0                     | 0.97       | 24.60 | 605     | 900   |
| NEK-BFOU/B19C1.0 | 19         | 1.0                     | 1.02       | 25.90 | 679     | 1010  |
| NEK-BFOU/B24C1.0 | 24         | 1.0                     | 1.18       | 29.90 | 833     | 1240  |
| NEK-BFOU/B27C1.0 | 27         | 1.0                     | 1.21       | 30.70 | 907     | 1350  |
| NEK-BFOU/B30C1.0 | 30         | 1.0                     | 1.25       | 31.70 | 974     | 1450  |
| NEK-BFOU/B37C1.0 | 37         | 1.0                     | 1.37       | 34.90 | 1203    | 1790  |
| NEK-BFOU/B44C1.0 | 44         | 1.0                     | 1.56       | 39.50 | 1478    | 2200  |
| NEK-BFOU/B2C1.5  | 2          | 1.5                     | 0.56       | 14.30 | 208     | 310   |
| NEK-BFOU/B5C1.5  | 5          | 1.5                     | 0.69       | 17.40 | 323     | 480   |
| NEK-BFOU/B7C1.5  | 7          | 1.5                     | 0.73       | 18.60 | 383     | 570   |
| NEK-BFOU/B8C1.5  | 8          | 1.5                     | 0.79       | 20.10 | 430     | 640   |
| NEK-BFOU/B9C1.5  | 9          | 1.5                     | 0.84       | 21.30 | 470     | 700   |
| NEK-BFOU/B10C1.5 | 10         | 1.5                     | 0.91       | 23.10 | 524     | 780   |
| NEK-BFOU/B12C1.5 | 12         | 1.5                     | 0.93       | 23.70 | 571     | 850   |
| NEK-BFOU/B14C1.5 | 14         | 1.5                     | 0.98       | 25.00 | 638     | 950   |
| NEK-BFOU/B16C1.5 | 16         | 1.5                     | 1.03       | 26.20 | 706     | 1050  |
| NEK-BFOU/B19C1.5 | 19         | 1.5                     | 1.09       | 27.60 | 793     | 1180  |
| NEK-BFOU/B24C1.5 | 24         | 1.5                     | 1.26       | 31.90 | 981     | 1460  |
| NEK-BFOU/B27C1.5 | 27         | 1.5                     | 1.32       | 33.50 | 1122    | 1670  |
| NEK-BFOU/B30C1.5 | 30         | 1.5                     | 1.36       | 34.60 | 1210    | 1800  |
| NEK-BFOU/B37C1.5 | 37         | 1.5                     | 1.48       | 37.60 | 1472    | 2190  |
| NEK-BFOU/B44C1.5 | 44         | 1.5                     | 1.66       | 42.10 | 1734    | 2580  |

DATA SUBJECT TO NORMAL MANUFACTURING TOLERANCES.

LSZH CABLE



# NEK 606 BFOU CABLE

## 0.6/1V BFOU FIRE RESISTANT, LSZH, MUD RESISTANT CABLE, P5/P12

### 0.6/1KV BFOU CABLE: MULTI-CONDUCTOR

| PART NO.         | CONDUCTOR  |            | NOMINAL OD |       | WEIGHT  |       |
|------------------|------------|------------|------------|-------|---------|-------|
|                  | # OF CORES | SIZE (MM2) | INCHES     | MM    | LBS/MFT | KG/KM |
| NEK-BFOU/B2C2.5  | 2          | 2.5        | 0.59       | 15.10 | 235     | 350   |
| NEK-BFOU/B5C2.5  | 5          | 2.5        | 0.73       | 18.50 | 376     | 560   |
| NEK-BFOU/B7C2.5  | 7          | 2.5        | 0.79       | 20.00 | 457     | 680   |
| NEK-BFOU/B8C2.5  | 8          | 2.5        | 0.79       | 20.00 | 457     | 680   |
| NEK-BFOU/B9C2.5  | 9          | 2.5        | 0.91       | 23.00 | 564     | 840   |
| NEK-BFOU/B10C2.5 | 10         | 2.5        | 0.98       | 24.90 | 632     | 940   |
| NEK-BFOU/B12C2.5 | 12         | 2.5        | 1.01       | 25.60 | 699     | 1040  |
| NEK-BFOU/B14C2.5 | 14         | 2.5        | 1.06       | 26.80 | 773     | 1150  |
| NEK-BFOU/B16C2.5 | 16         | 2.5        | 1.11       | 28.30 | 860     | 1280  |
| NEK-BFOU/B19C2.5 | 19         | 2.5        | 1.17       | 29.60 | 968     | 1440  |
| NEK-BFOU/B24C2.5 | 24         | 2.5        | 1.39       | 35.30 | 1270    | 1890  |
| NEK-BFOU/B27C2.5 | 27         | 2.5        | 1.44       | 36.60 | 1438    | 2140  |
| NEK-BFOU/B30C2.5 | 30         | 2.5        | 1.49       | 37.80 | 1552    | 2310  |
| NEK-BFOU/B37C2.5 | 37         | 2.5        | 1.60       | 40.60 | 1821    | 2710  |
| NEK-BFOU/B44C2.5 | 44         | 2.5        | 1.81       | 45.90 | 2184    | 3250  |
| NEK-BFOU/B2C4    | 2          | 4          | 0.63       | 16.10 | 269     | 400   |
| NEK-BFOU/B5C4    | 5          | 4          | 0.79       | 20.00 | 457     | 680   |
| NEK-BFOU/B7C4    | 7          | 4          | 0.85       | 21.50 | 558     | 830   |
| NEK-BFOU/B8C4    | 8          | 4          | 0.91       | 23.20 | 625     | 930   |
| NEK-BFOU/B9C4    | 9          | 4          | 0.98       | 25.00 | 699     | 1040  |
| NEK-BFOU/B10C4   | 10         | 4          | 1.06       | 26.90 | 773     | 1150  |
| NEK-BFOU/B12C4   | 12         | 4          | 1.10       | 27.90 | 874     | 1300  |
| NEK-BFOU/B14C4   | 14         | 4          | 1.15       | 29.20 | 974     | 1450  |
| NEK-BFOU/B16C4   | 16         | 4          | 1.21       | 30.80 | 1089    | 1620  |
| NEK-BFOU/B19C4   | 19         | 4          | 1.27       | 32.30 | 1230    | 1830  |
| NEK-BFOU/B24C4   | 24         | 4          | 1.54       | 39.10 | 1680    | 2500  |
| NEK-BFOU/B27C4   | 27         | 4          | 1.57       | 39.90 | 1814    | 2700  |
| NEK-BFOU/B30C4   | 30         | 4          | 1.63       | 41.40 | 1976    | 2940  |
| NEK-BFOU/B37C4   | 37         | 4          | 1.75       | 44.50 | 2325    | 3460  |
| NEK-BFOU/B44C4   | 44         | 4          | 1.98       | 50.30 | 2795    | 4160  |

DATA SUBJECT TO NORMAL MANUFACTURING TOLERANCES.

LSZH CABLE

## 0.6/1V BFOU FIRE RESISTANT, LSZH, MUD RESISTANT CABLE, P5/P12

### 0.6/1KV BFOU CABLE WITH EARTH CONDUCTOR

| PART NO.          | CONDUCTOR     |               | GROUND<br>SIZE<br>(MM2) | NOMINAL OD |       | WEIGHT  |       |
|-------------------|---------------|---------------|-------------------------|------------|-------|---------|-------|
|                   | # OF<br>CORES | SIZE<br>(MM2) |                         | INCHES     | MM    | LBS/MFT | KG/KM |
| NEK-BFOU/B2C1.5+E | 2             | 1.5           | 1.5                     | 0.59       | 14.90 | 249     | 370   |
| NEK-BFOU/B2C2.5+E | 2             | 2.5           | 2.5                     | 0.62       | 15.80 | 289     | 430   |
| NEK-BFOU/B2C4+E   | 2             | 4             | 4                       | 0.67       | 17.10 | 349     | 520   |
| NEK-BFOU/B2C6+E   | 2             | 6             | 6                       | 0.72       | 18.40 | 423     | 630   |
| NEK-BFOU/B2C10+E  | 2             | 10            | 10                      | 0.81       | 20.50 | 538     | 800   |
| NEK-BFOU/B2C16+E  | 2             | 16            | 16                      | 0.90       | 22.90 | 706     | 1050  |
| NEK-BFOU/B2C25+E  | 2             | 25            | 16                      | 1.03       | 26.10 | 914     | 1360  |
| NEK-BFOU/B2C35+E  | 2             | 35            | 25                      | 1.14       | 28.90 | 1176    | 1750  |
| NEK-BFOU/B2C50+E  | 2             | 50            | 25                      | 1.27       | 32.30 | 1445    | 2150  |
| NEK-BFOU/B2C70+E  | 2             | 70            | 35                      | 1.47       | 37.30 | 2009    | 2990  |
| NEK-BFOU/B2C95+E  | 2             | 95            | 50                      | 1.67       | 42.50 | 2627    | 3910  |
| NEK-BFOU/B2C120+E | 2             | 120           | 70                      | 1.84       | 46.80 | 3259    | 4850  |
| NEK-BFOU/B2C150+E | 2             | 150           | 95                      | 2.01       | 51.10 | 3951    | 5880  |
| NEK-BFOU/B2C185+E | 2             | 185           | 95                      | 2.19       | 55.50 | 4650    | 6920  |
| NEK-BFOU/B2C240+E | 2             | 240           | 120                     | 2.47       | 62.70 | 5954    | 8860  |
| NEK-BFOU/B3C1.5+E | 3             | 1.5           | 1.5                     | 0.63       | 16.00 | 289     | 430   |
| NEK-BFOU/B3C2.5+E | 3             | 2.5           | 2.5                     | 0.68       | 17.20 | 343     | 510   |
| NEK-BFOU/B3C4+E   | 3             | 4             | 4                       | 0.72       | 18.40 | 410     | 610   |
| NEK-BFOU/B3C6+E   | 3             | 6             | 6                       | 0.79       | 20.00 | 504     | 750   |
| NEK-BFOU/B3C10+E  | 3             | 10            | 10                      | 0.88       | 22.40 | 659     | 980   |
| NEK-BFOU/B3C16+E  | 3             | 16            | 16                      | 0.98       | 25.00 | 867     | 1290  |
| NEK-BFOU/B3C25+E  | 3             | 25            | 16                      | 1.13       | 28.80 | 1163    | 1730  |
| NEK-BFOU/B3C35+E  | 3             | 35            | 25                      | 1.25       | 31.80 | 1492    | 2220  |
| NEK-BFOU/B3C50+E  | 3             | 50            | 25                      | 1.46       | 37.10 | 1996    | 2970  |
| NEK-BFOU/B3C70+E  | 3             | 70            | 35                      | 1.63       | 41.40 | 2601    | 3870  |
| NEK-BFOU/B3C95+E  | 3             | 95            | 50                      | 1.87       | 47.60 | 3467    | 5160  |
| NEK-BFOU/B3C120+E | 3             | 120           | 70                      | 2.04       | 51.90 | 4240    | 6310  |
| NEK-BFOU/B3C150+E | 3             | 150           | 95                      | 2.26       | 57.40 | 5221    | 7770  |
| NEK-BFOU/B3C185+E | 3             | 185           | 95                      | 2.46       | 62.40 | 6196    | 9220  |
| NEK-BFOU/B3C240+E | 3             | 240           | 120                     | 2.74       | 69.70 | 7849    | 11680 |
| NEK-BFOU/B4C1.5+E | 4             | 1.5           | 1.5                     | 0.69       | 17.40 | 336     | 500   |
| NEK-BFOU/B4C2.5+E | 4             | 2.5           | 2.5                     | 0.73       | 18.50 | 396     | 590   |
| NEK-BFOU/B4C4+E   | 4             | 4             | 4                       | 0.79       | 20.00 | 484     | 720   |
| NEK-BFOU/B4C6+E   | 4             | 6             | 6                       | 0.85       | 21.60 | 591     | 880   |
| NEK-BFOU/B4C10+E  | 4             | 10            | 10                      | 0.96       | 24.30 | 779     | 1160  |
| NEK-BFOU/B4C16+E  | 4             | 16            | 16                      | 1.07       | 27.20 | 1035    | 1540  |
| NEK-BFOU/B4C25+E  | 4             | 25            | 16                      | 1.24       | 31.60 | 1418    | 2110  |
| NEK-BFOU/B4C35+E  | 4             | 35            | 25                      | 1.43       | 36.40 | 1955    | 2910  |
| NEK-BFOU/B4C50+E  | 4             | 50            | 25                      | 1.61       | 40.80 | 2446    | 3640  |
| NEK-BFOU/B4C70+E  | 4             | 70            | 35                      | 1.81       | 46.00 | 3252    | 4840  |
| NEK-BFOU/B4C95+E  | 4             | 95            | 50                      | 2.08       | 52.70 | 4314    | 6420  |
| NEK-BFOU/B4C120+E | 4             | 120           | 70                      | 2.28       | 58.00 | 5342    | 7950  |
| NEK-BFOU/B4C150+E | 4             | 150           | 95                      | 2.50       | 63.50 | 6471    | 9630  |
| NEK-BFOU/B4C185+E | 4             | 185           | 95                      | 2.73       | 69.30 | 7755    | 11540 |
| NEK-BFOU/B4C240+E | 4             | 240           | 120                     | 3.07       | 77.90 | 9918    | 14760 |

DATA SUBJECT TO NORMAL MANUFACTURING TOLERANCES.

LSZH CABLE