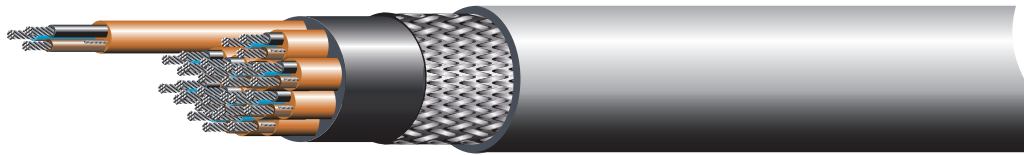


# BFOU (I) 150/250(300)V - S3/S7

## MGT/EPR/EPR/TCWB/EVA



Halogen-free, fire-resistant, flame retardant, mud-resistant cable for use on board ships, offshore units and fixed installations for instrumentation, communication, control and alarm systems. For emergency and critical systems requiring fire resistance.

**Construction data:**

- Conductor:
- Conductor insulation:
- Individual screen:
- Bedding:
- Armour:
- Outer sheath:

**Code letter**

- tinned, stranded copper wire according to IEC 60228, class 2
- B halogen-free EPR compound + Mica tape
- copper/polyester tape, tinned copper drain wire
- F halogen-free compound
- O tinned copper wire braid according to IEC 60092.376:2003
- U SHF2(MUD) thermoset compound, halogen-free and mud-resistant)

NEK TS 606  
CodeS3/S7

Operating temperature: 90 deg C  
Operating voltage: 150/250(300)V

**Standards:**

- IEC 60092-376 (2003-05) - Design
- IEC 60228, class 2 - Conductor
- IEC 60092-360 - Insulation
- IEC 60092-360 - Insulation
- IEC 60092-360 - Sheath
- IEC 60332-1-2 - Flame Retardant
- IEC 60332-3-22 - Flame Retardant
- IEC 60331-1, -2, -21 - Fire Resistant
- IEC 60754-1.2 - Halogen Free
- IEC 61034-1.2 - Low Smoke

**Approvals:**

- DNV
- ABS
- LRS

| Type BFOU ( I ) | Thickness Inner covering mm | Diameter Inner covering | Thickness Outer sheath mm | Diameter Outer sheath mm | Weight of cable Approx. (kg/km) | Ordering information Blue outer sheath | Ordering information Grey outer sheath |
|-----------------|-----------------------------|-------------------------|---------------------------|--------------------------|---------------------------------|--|--|
| 1 x 2 x 0.75    | 1.1                         | 7.5+/-0.5               | 1.1                       | 10.5+/-0.8               | 200                             | <b>8000073</b>                         | <b>8002608</b>                         |
| 2 x 2 x 0.75    | 1.1                         | 11+/-0.8                | 1.3                       | 14.5+/-0.8               | 360                             | <b>8000149</b>                         | <b>8001300</b>                         |
| 4 x 2 x 0.75    | 1.1                         | 12.5+/-0.8              | 1.4                       | 16.5+/-0.8               | 490                             | <b>8001713</b>                         | <b>8001531</b>                         |
| 8 x 2 x 0.75    | 1.1                         | 17+/-0.8                | 1.6                       | 21.5+/-1                 | 780                             | <b>8000327</b>                         | <b>8001304</b>                         |
| 12 x 2 x 0.75   | 1.4                         | 20.5+/-1                | 1.7                       | 25+/-1                   | 1060                            | <b>8000015</b>                         | <b>8000019</b>                         |
| 16 x 2 x 0.75   | 1.9                         | 23+/-1                  | 1.8                       | 27.5+/-1                 | 1400                            | <b>8000031</b>                         | <b>8001753</b>                         |
| 19 x 2 x 0.75   | 1.9                         | 25+/-1                  | 1.9                       | 29.5+/-1                 | 1550                            | <b>8000055</b>                         | <i>On request</i>                      |
| 24 x 2 x 0.75   | 2.3                         | 30+/-1.5                | 2.1                       | 35.5+/-1.5               | 2100                            | <b>8001297</b>                         | <b>8000121</b>                         |
| 1 x 3 x 0.75    | 1.1                         | 8+/-0.5                 | 1.1                       | 11+/-0.8                 | 220                             | <b>8000092</b>                         | <b>8001751</b>                         |
| 2 x 3 x 0.75    | 1.1                         | 12+/-0.8                | 1.4                       | 15.5+/-0.8               | 410                             | <i>On request</i>                      | <i>On request</i>                      |
| 4 x 3 x 0.75    | 1.1                         | 14+/-0.8                | 1.4                       | 17.5+/-0.8               | 570                             | <b>8001797</b>                         | <b>8001754</b>                         |
| 8 x 3 x 0.75    | 1.1                         | 18.5+/-0.8              | 1.7                       | 23+/-1                   | 960                             | <b>8001915</b>                         | <b>8001794</b>                         |
| 12 x 3 x 0.75   | 1.4                         | 22.5+/-1                | 1.8                       | 27.5+/-1                 | 1310                            | <i>On request</i>                      | <b>8001530</b>                         |
| 16 x 3 x 0.75   | 2.1                         | 26.5+/-1                | 1.9                       | 31.5+/-1.5               | 1770                            | <i>On request</i>                      | <i>On request</i>                      |
| 19 x 3 x 0.75   | 2.3                         | 28+/-1                  | 2.0                       | 33+/-1.5                 | 2000                            | <i>On request</i>                      | <i>On request</i>                      |
| 24 x 3 x 0.75   | 2.5                         | 33+/-1.5                | 2.2                       | 39+/-1.5                 | 2630                            | <i>On request</i>                      | <i>On request</i>                      |
| 1 x 2 x 1.5     | 1.1                         | 9+/-0.5                 | 1.1                       | 12+/-0.8                 | 260                             | <b>8000081</b>                         | <b>8002525</b>                         |
| 2 x 2 x 1.5     | 1.1                         | 13+/-0.8                | 1.4                       | 17+/-0.8                 | 470                             | <i>On request</i>                      | <b>8000168</b>                         |
| 4 x 2 x 1.5     | 1.1                         | 15.5+/-0.8              | 1.5                       | 19.5+/-0.8               | 670                             | <b>8002018</b>                         | <b>8000288</b>                         |
| 8 x 2 x 1.5     | 1.1                         | 21+/-1                  | 1.7                       | 25.5+/-1                 | 1090                            | <b>8000341</b>                         | <b>8000344</b>                         |
| 12 x 2 x 1.5    | 1.4                         | 25+/-1                  | 1.9                       | 30.5+/-1.5               | 1530                            | <b>8000024</b>                         | <b>8001292</b>                         |
| 16 x 2 x 1.5    | 2.1                         | 30+/-1.5                | 2.0                       | 35+/-1.5                 | 2060                            | <i>On request</i>                      | <b>8001834</b>                         |
| 19 x 2 x 1.5    | 2.1                         | 31+/-1.5                | 2.1                       | 36.5+/-1.5               | 2440                            | <i>On request</i>                      | <i>On request</i>                      |
| 24 x 2 x 1.5    | 2.3                         | 36.5+/-1.5              | 2.3                       | 43+/-2                   | 3080                            | <i>On request</i>                      | <b>8000126</b>                         |
| 1 x 3 x 1.5     | 1.1                         | 9.5+/-0.5               | 1.2                       | 12.5+/-0.8               | 290                             | <b>8000099</b>                         | <b>8001295</b>                         |
| 2 x 3 x 1.5     | 1.1                         | 14.5+/-0.8              | 1.5                       | 18.5+/-0.8               | 550                             | <i>On request</i>                      | <b>8003592</b>                         |
| 4 x 3 x 1.5     | 1.1                         | 17+/-0.8                | 1.6                       | 21+/-1                   | 820                             | <i>On request</i>                      | <b>8002409</b>                         |
| 8 x 3 x 1.5     | 1.1                         | 22.5+/-1                | 1.8                       | 27+/-1                   | 1370                            | <b>8001964</b>                         | <b>8001306</b>                         |
| 12 x 3 x 1.5    | 1.6                         | 28.5+/-1                | 2.0                       | 33.5+/-1.5               | 1970                            | <b>8000029</b>                         | <b>8003334</b>                         |
| 16 x 3 x 1.5    | 2.3                         | 36.5+/-1.5              | 2.2                       | 42.5+/-2                 | 3060                            | <i>On request</i>                      | <i>On request</i>                      |
| 24 x 3 x 1.5    | 2.7                         | 45.5+/-2                | 2.5                       | 52+/-2.5                 | 4400                            | <i>On request</i>                      | <i>On request</i>                      |