

# Rubber Cable - Single Core

## H07RN-F

Rubber, power and control cable, based on AS/NZS 5000.1

### Construction:

Class 5 tinned copper conductors, colour or number coded ethylene-propylene rubber insulating material, flame-retardant, UV, ozone and oil-resistant black rubber sheath.

### Minimum Bending Radius:

Flexing: 4 x cable diameter (up to 12mm Ø)  
 5 x cable diameter (12-20mm Ø)  
 6 x cable diameter (over 20mm Ø)  
 Fixed: 3 x cable diameter (up to 12mm Ø)  
 4 x cable diameter (over 12mm Ø)

### Temperature Range:

-40°C to +90°C

### Features:

- Submersible to 500 metres
- UV-resistant
- Flame-retardant
- Oil-resistant
- Tinned conductors

### Nominal Voltage:

600/1000V

### Colour Coding:

Black



| Part No. | Nominal conductor area mm <sup>2</sup> and number of cores |        | Approx. overall Ø mm | Approx. weight kg/km |
|----------|--|--------|----------------------|----------------------|
| G-022938 | 16mm <sup>2</sup>  | 1 core | 11.1                 | 248                  |
| G-022940 | 25mm <sup>2</sup>  | 1 core | 12.9                 | 356                  |
| G-022944 | 35mm <sup>2</sup>  | 1 core | 14.3                 | 476                  |
| G-022945 | 50mm <sup>2</sup>  | 1 core | 16.8                 | 657                  |
| G-022946 | 70 mm <sup>2</sup>   | 1 core | 19.0                 | 884                  |
| G-023032 | 95 mm <sup>2</sup>   | 1 core | 21.9                 | 1156                 |
| G-023033 | 120mm <sup>2</sup>   | 1 core | 23.4                 | 1420                 |
| G-023034 | 150mm <sup>2</sup>   | 1 core | 26.0                 | 1762                 |
| G-023035 | 185mm <sup>2</sup>   | 1 core | 29.1                 | 2145                 |
| G-023036 | 240mm <sup>2</sup>   | 1 core | 31.2                 | 2720                 |
|          |  |        |                      |                      |
| G-023028 | 1mm <sup>2</sup>   | 2 core | 7.9                  | 89                   |
| G-023029 | 1.5mm <sup>2</sup>   | 2 core | 8.9                  | 116                  |
| G-023030 | 2.5mm <sup>2</sup>   | 2 core | 10.6                 | 167                  |
| G-023041 | 4mm <sup>2</sup>   | 2 core | 12.8                 | 227                  |
| G-023042 | 6mm <sup>2</sup>   | 2 core | 15.0                 | 390                  |