



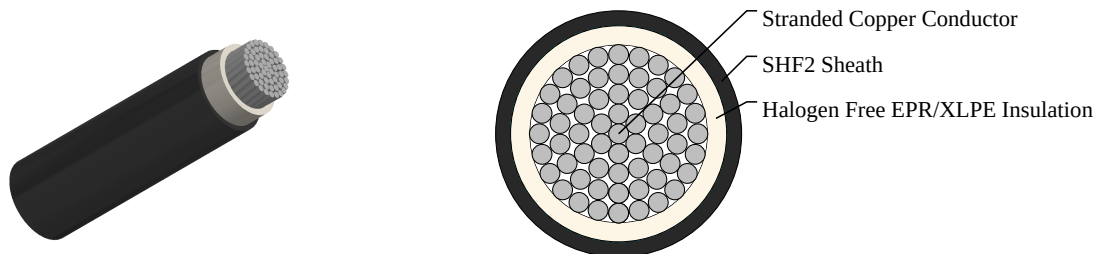
# Caledonian

NEK606 Offshore & Marine Cables

[www.caledonian-cables.com](http://www.caledonian-cables.com)

[marketing@caledonian-cables.com](mailto:marketing@caledonian-cables.com)

## P111 RU/TU (Formerly P18 RU) 0.6/1kV



## APPLICATIONS

These cables are flame retardant, low smoke, halogen free and mud resistant, used for control, power and lighting systems.

## STANDARDS

IEC 60092-353

IEC 60092-360

IEC 60332-1

IEC 60332-3-22

IEC 60754-1,2

IEC 61034-1,2

NEK 606:2016

## VOLTAGE RATING

0.6/1KV

## CABLE CONSTRUCTION

Conductors: Tinned annealed stranded copper to IEC 60228 class 2 or class 5.

Insulation: Halogen-free EPR or XLPE.

Outer Sheath: Halogen free thermosetting compound, SHF2, coloured black.

## MECHANICAL PROPERTIES

Bending Radius: 8×OD (during installation); 6×OD (fixed installed)

Temperature Range: -20°C ~ +90°C

## TECHNICAL CHARACTERISTICS

| Nom. Cross-Section Area | Nom. Conductor Diameter | Maximum DC Resistance @20°C | Continuous Current Rating @45°C 1 Core | Short Circuit Current 1s |
|-------------------------|-------------------------|-----------------------------|----------------------------------------|--------------------------|
| mm <sup>2</sup>         | mm                      | Ohm/km                      | A                                      | A                        |
| 300                     | 21.9                    | 0.0607                      | 601                                    | 42930                    |

## DIMENSION AND PARAMETERS



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| No. of Cores ×<br>Cross-sectional Area | Nominal Insulation<br>Thickness | Nominal Sheath<br>Thickness | Approx. Overall<br>Diameter | Approx. Weight |
|----------------------------------------|---------------------------------|-----------------------------|-----------------------------|----------------|
| No.×mm <sup>2</sup>                    | mm                              | mm                          | mm                          | kg/km          |
| 1×300                                  | 2.4                             | 1.9                         | 30.8                        | 3340           |