



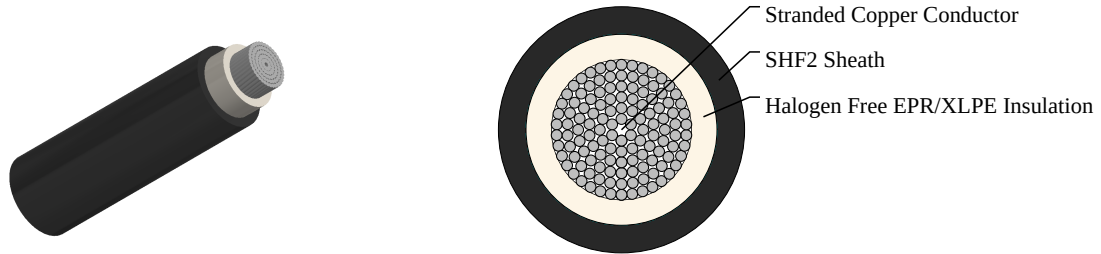
Caledonian

NEK606 Offshore & Marine Cables

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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 ²	mm	Ohm/km	A	A
16	5.1	1.16	96	2290

DIMENSION AND PARAMETERS



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No. of Cores × Cross-sectional Area	Nominal Insulation Thickness	Nominal Sheath Thickness	Approx. Overall Diameter	Approx. Weight
No.×mm ²	mm	mm	mm	kg/km
1×16	1.0	1.1	9.8	235