



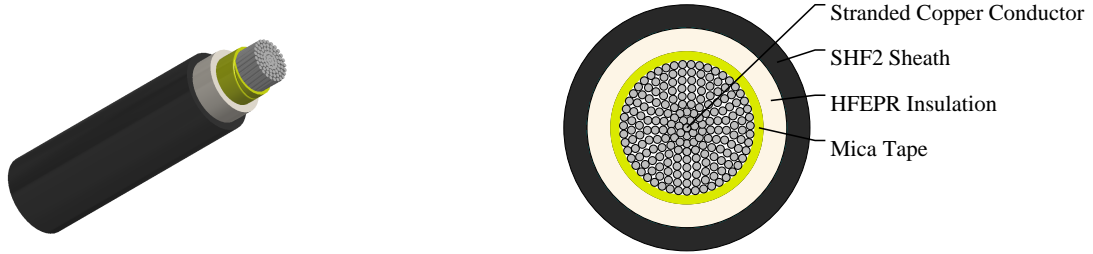
Caledonian

NEK606 Offshore & Marine Cables Fire Resistant Power and Control Cables

www.caledonian-cables.com

marketing@caledonian-cables.com

P110 (Formerly P17) BU 0.6/1 kV



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 60092-351
IEC 60092-359
IEC 60331-21
IEC 60332-1
IEC 60332-3-22
IEC 60754-1,2
IEC 61034-2
NEK 606:2004

VOLTAGE RATING

0.6/1KV

CABLE CONSTRUCTION

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

Insulation: Mica tape + Halogen free EPR.

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 |



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|----|-----|-------|-----|------|
| 25 | 6.5 | 0.734 | 127 | 3580 |
|----|-----|-------|-----|------|

DIMENSION AND PARAMETERS

| 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 |
| 1×25 | 1.2 | 1.2 | 12.0 | 360 |