



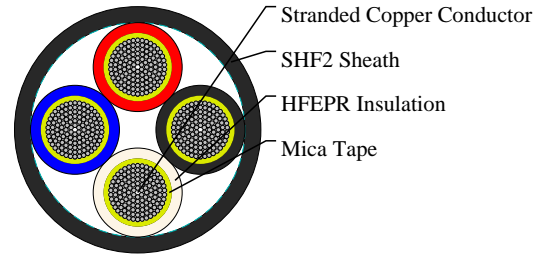
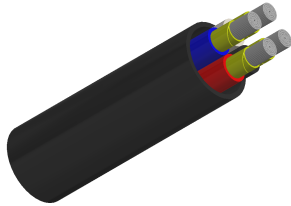
Caledonian

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 3/4 Core | Short Circuit Current 1s |
|-------------------------|-------------------------|-----------------------------|--|--------------------------|
| mm ² | mm | Ohm/km | A | A |



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| | | | | |
|----|-----|------|----|------|
| 16 | 5.1 | 1.16 | 67 | 2290 |
|----|-----|------|----|------|

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 |
| 4×16 | 1.0 | 1.5 | 21.5 | 1005 |