



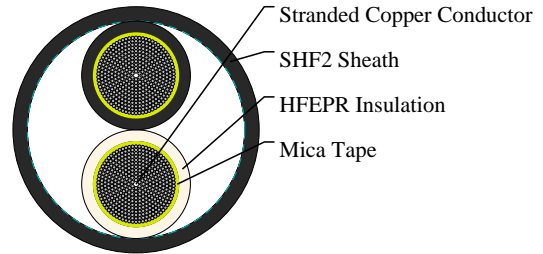
# Caledonian

NEK606 Offshore & Marine Cables Fire Resistant Power and Control Cables

www.caledonian-cables.com

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## 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 2 Core	Short Circuit Current 1s
mm <sup>2</sup>	mm	Ohm/km	A	A



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50	8.7	0.391	167	7150
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### DIMENSION AND PARAMETERS

No. of Cores × Cross-sectional Area	Nominal Insulation Thickness	Nominal Sheath Thickness	Approx. Overall Diameter	Approx. Weight
No.×mm <sup>2</sup>	mm	mm	mm	kg/km
2×50	1.4	1.8	27.4	1615