



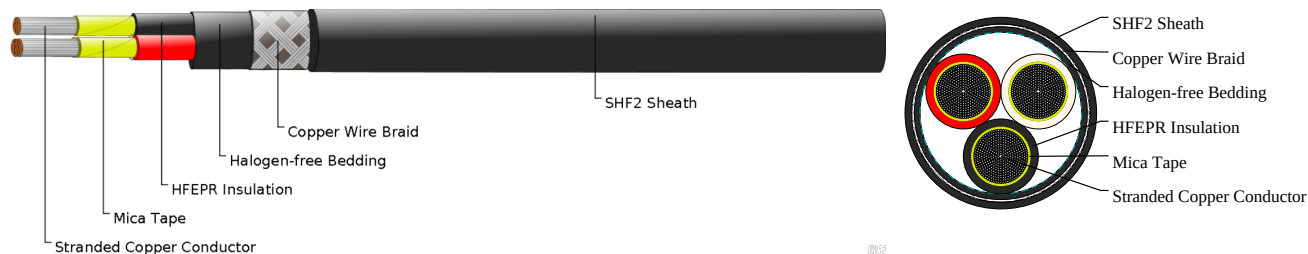
Caledonian

NEK606 Caledonian Offshore & Marine Cables Fire Resistant Power and Control Cables

www.caledonian-cables.com

marketing@caledonian-cables.com

P125 SFOU 0.6/1 kV



APPLICATIONS

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

STANDARDS

IEC 60092-353

IEC 60092-360

IEC 60331-21

IEC 60332-1

IEC 60332-3-22

IEC 60754-1,2

IEC 61034-2

NEK 606:2016

VOLTAGE RATING

0.6/1KV

CABLE CONSTRUCTION

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

Insulation: Fire resistant silicon compound.

Bedding: Extruded halogen-free compound.

Amour: Tinned copper wire braid.

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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50	8.7	0.391	137	7150
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DIMENSION AND PARAMETERS

No. of Cores × Cross-sectional Area	Nominal Insulation Thickness	Diameter under Armour	Approx. Overall Diameter	Nominal Copper Weight
No.×mm ²	mm	mm	mm	kg/km
3×50	1.4	29.0	35.0	2670