



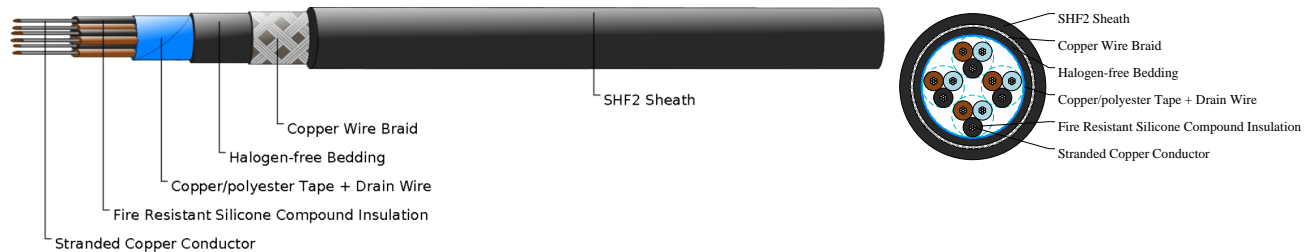
Caledonian

NEK606 Caledonian Offshore & Marine Cables Telecommunication Cables

www.caledonian-cables.com

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S113 SFOU(c) 250 V



APPLICATIONS

These cables are fire resistant, flame retardant, low smoke and halogen free, used for emergency instrumentation, communication, control and alarm systems that need to be operational during a 1100°C hydrocarbon fire.

STANDARDS

IEC 60092-376

IEC 60092-360

IEC 60332-1

IEC 60332-3-22

IEC 60754-1,2

IEC 61034-1,2

NEK 606:2016

IEC 60331-21

VOLTAGE RATING

250V

CABLE CONSTRUCTION

Conductors: Circular tinned stranded copper wire to IEC 60228 class 2 or class 5.

Insulation: Fire resistant silicone compound.

Twinning: Colour coded cores twisted together.

Collective Shielding: Pairs/triples are layed up and collectively screened by copper backed polyester tape in contact with a stranded tinned copper drain wire.

Bedding: Halogen free compound.

Armour: Tinned copper wire braid.

Outer Sheath: Halogen free thermosetting compound, SHF2.

MECHANICAL PROPERTIES

Bending Radius: 20×OD (during installation); 12×OD (fixed installed)

Temperature Range: -20°C ~ +90°C

DIMENSION AND PARAMETERS



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| Construction No. of elements×No. of cores in element×Cross section | Nominal Insulation Thickness | Diameter under Armour | Approx. Overall Diameter | Approx. Weight |
|--|------------------------------|-----------------------|--------------------------|----------------|
| mm ² | mm | mm | mm | kg/km |
| 4×3×0.75 | 0.9 | 18.9 | 24.0 | 860 |