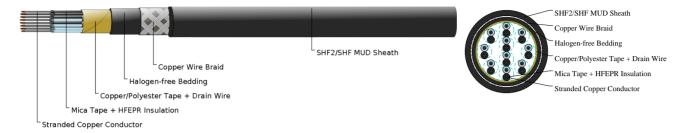


Caledonian

NEK606 Caledonian Offshore & Marine Cables Fire Resistant Instrumentation Cables

www.caledonian-cables.com marketing@caledonian-cables.com

S104 (Formerly S4 or S4/S8) BFOU(c) 250V



APPLICATIONS

These cables are flame retardant, low smoke, halogen free and mud resistant, used for instrumentation, communication, control and alarm systems.

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 annealed stranded copper wire to IEC 60228 class 2 or class 5.

Insulation: Mica tape + Halogen free EPR compound or Mica tape + XLPE.

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. Pairs/triples are numbered with numbered tape or by numbers printed directly on the insulated conductors.

Bedding: Halogen free compound.

Armour: Tinned copper wire braid.

Outer Sheath: Halogen free thermosetting compound, SHF2 (formerly TYPE S4). Halogen free MUD resistant thermosetting compound, SHF MUD (for formerly TYPE S4/S8), coloured grey (blue for intrinsically safe).

MECHANICAL PROPERTIES

Bending Radius: 8×OD (during installation); 6×OD (fixed installed)

Temperature Range: -20°C ~ +90°C

TECHNICAL CHARACTERISTICS



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Nom. Cross- Section Area	Nom. Conductor Diameter	Maximum Resistance @20°C	Mutual Capacitance	Nominal Inductance @ 1KHz	Maximum L/ R @ 1KHz
mm²	mm	Ohm/km	nF/km	MH/km	μΗ/Ω
0.75	1.1	26.3	75	0.727	20

DIMENSION AND PARAMETERS

Construction No. of elements No. of cores in element Cross section	Nominal Insulation Thickness	Nominal Inner Sheath Thickness	Nominal Outer Sheath Thickness	Approx. Overall Diameter	Approx. Weight
mm²	mm	mm	mm	mm	kg/km
10×2×0.75	0.6	1.1	1.7	25.6	900