



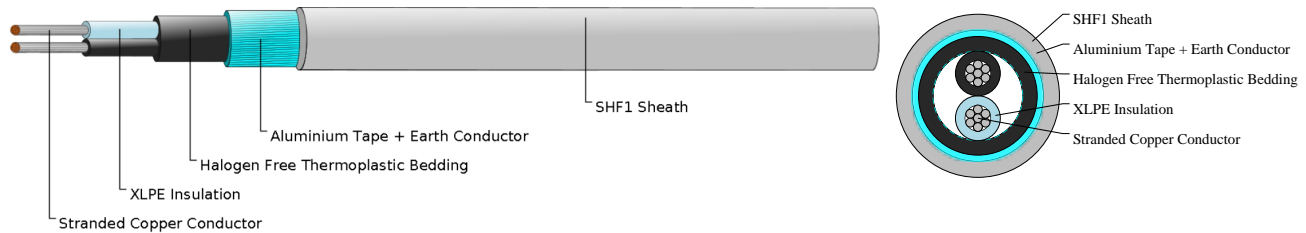
Caledonian

NEK606 Caledonian Offshore & Marine Cables Instrumentation Cables

www.caledonian-cables.com

marketing@caledonian-cables.com

P109 TFLI (Formerly P16 IFLI) 250 V



APPLICATIONS

These cables are flame retardant, low smoke and halogen free, used for living, quarter and office areas.

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

VOLTAGE RATING

250V

CABLE CONSTRUCTION

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

Insulation: XLPE.

Bedding: Halogen free thermoplastic compound.

Metal Screen: Longitudinal aluminium tape, thickness 0.2 mm in contact with a stranded copper earth conductor.

Outer Sheath: Halogen free thermoplastic compound, SHF1, coloured grey.

MECHANICAL PROPERTIES

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

Temperature Range: -20°C ~ +90°C

TECHNICAL CHARACTERISTICS

Nom. Cross-Section Area	Maximum Resistance @20°C	Continuous Current Rating @45°C 2 Core	Short Circuit Current 1s
mm ²	Ohm/km	A	A
2.5	7.41	26	360

DIMENSION AND PARAMETERS



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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
mm ²	mm	mm	mm	mm	kg/km
2×2×2.5	0.7	1.1	1.2	10.0	180