



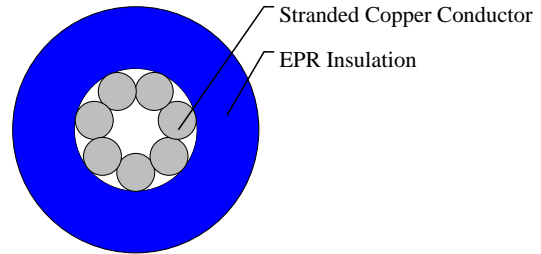
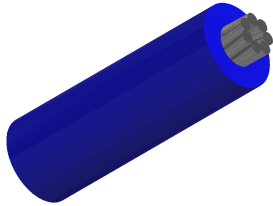
# Caledonian

NEK606 Caledonian Offshore & Marine Cables Instrumentation Cables

[www.caledonian-cables.com](http://www.caledonian-cables.com)

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## S111 RX / TX 250V



### APPLICATIONS

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

### STANDARDS

IEC 60092-354  
IEC 60092-360  
IEC 60331-21  
IEC 60332-3-22  
IEC 60754-1,2  
IEC 61034-1,2  
NEK 606:2016

### VOLTAGE RATING

250V

### CABLE CONSTRUCTION

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

Insulation: Halogen-free EPR or XLPE. Blue, brown, black or grey. Blue, brown, black or 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	Nom. Conductor Diameter	Maximum Resistance @20°C	Mutual Capacitance	Nominal Inductance @ 1KHz	Maximum L/R @ 1KHz
mm <sup>2</sup>	mm	Ohm/km	nF/km	MH/km	μH/Ω
0.75	1.1	26.3	85	0.731	20

### DIMENSION AND PARAMETERS



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No. of Cores × Cross-sectional Area	Nominal Insulation Thickness	Approx. Overall Diameter	Approx. Weight
No. × mm <sup>2</sup>	mm	mm	kg/km
1 × 0.75	0.6	2.31	107