



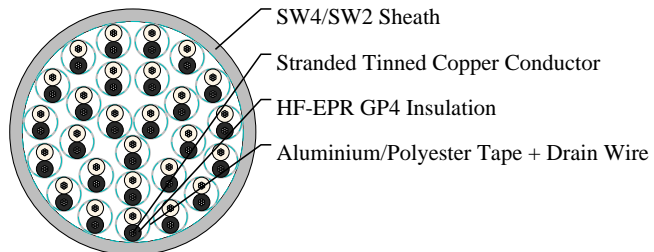
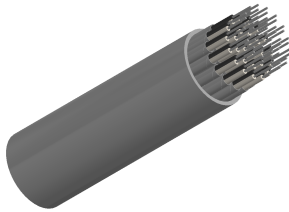
## Caledonian

BS 6883&BS 7917 Caledonian Offshore & Marine Cables Flame Retardant Instrumentation & Control Cables

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

[marketing@caledonian-cables.com](mailto:marketing@caledonian-cables.com)

150/250V HF-EPR Insulated, SW2/SW4 Sheathed, Individually Screened Unarmoured Flame Retardant Instrumentation & Control Cables 27P0.75



### APPLICATIONS

These elastomeric insulated cables are designed for fixed wiring in ships and on mobile offshore units, suitable for use in instrumentation, lighting and control circuits.

### STANDARDS

BS 6883

IEC 60332-3A Flame retardant

IEC 60754-1; IEC 60754-2 Corrosivity

IEC 61034-2 Smoke density

Cold bend and impact (-40°C) (on request)

CSA C22.2 No. 38-95 (on request)

### VOLTAGE RATING

150/250V

### CABLE CONSTRUCTION

Conductor: Tinned copper wire stranded circular cl. 2 BS 6360/IEC 60228.

Insulation: HF-EPR GP4 according to BS 7655 1.2.

Lay-up: Pairs, triples, quads.

Individual Screen: Aluminium/polyester tape + drain wire tinned copper.

Sheath: Halogen free thermosetting compound SW4 according to BS 7655 2.6 or reduced halogen thermosetting compound SW2 according to BS 7655 2.6.

### PHYSICAL AND THERMAL PROPERTIES

Temperature Range: -40°C ~ +90°C

### MECHANICAL PROPERTIES

Minimum Internal Bending Radius: 8×OD

### DIMENSION AND PARAMETERS



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No. of Pairs × Cross- sectional Area	Nominal Insulation Thickness	Nominal Sheath Thickness	Overall Diameter (min.)	Overall Diameter (max.)	Approx. Weight
No.×mm <sup>2</sup>	mm	mm	mm	mm	kg/km
27x2x0.75	0.8	2.0	30.8	33.9	1320