



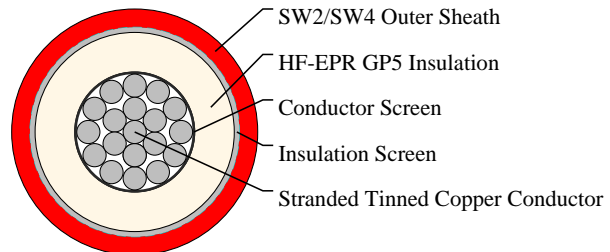
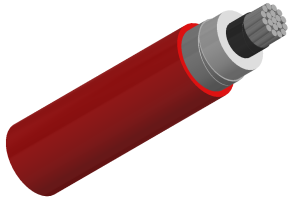
## Caledonian

BS 6883&BS 7917 Caledonian Offshore & Marine Cables MV Flame Retardant Power & Control Cables

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

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### 3.8/6.6kV HF-EPR Insulated, SW2/SW4 Sheathed Unarmoured Flame Retardant Power & Control Cables (Radial Field) 1C50.0



### APPLICATIONS

These medium voltage elastomeric insulated cables are designed for fixed wiring in ships and on mobile offshore units, suitable for use in power and control applications.

### 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

3.8/6.6kV

### CABLE CONSTRUCTION

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

Conductor Screen: Semiconducting layer or tape.

Insulation: HF-EPR GP5 according to BS 7655 1.2.

Insulation Screen: Semiconducting layer or tape + Tinned copper tape.

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

### COLOUR CODE

Single core : Natural colour of the compound

Three core Coloured tape or thread (e.g.: red - yellow - blue)

### MECHANICAL PROPERTIES

Minimum Internal Bending Radius: 15×OD (single core); 20×OD (three core)

Temperature Range: -40°C ~ +90°C

### DIMENSION AND PARAMETERS



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No. of Cores × Cross- sectional Area	Nominal Insulation Thickness	Nominal Outer Sheath Thickness	Overall Diameter (min.)	Overall Diameter (max.)	Approx. Weight
No.×mm <sup>2</sup>	mm	mm	mm	mm	kg/km
1x50	3.0	1.4	19.9	22.3	942