



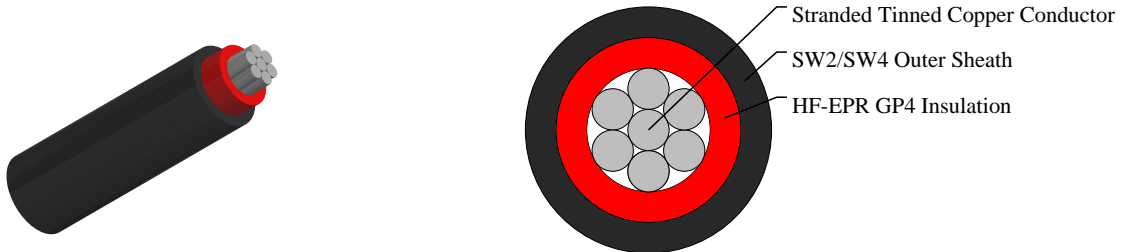
## Caledonian

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

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

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### 0.6/1kV HF-EPR Insulated, SW2/SW4 Sheathed Unarmoured Flame Retardant Power & Control Cables 1C10.0



### APPLICATIONS

These 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

0.6/1kV

### CABLE CONSTRUCTION

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

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

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

1 core: Red or Black.

### PHYSICAL AND THERMAL PROPERTIES

Temperature Range: -40°C ~ +90°C

### MECHANICAL PROPERTIES

Minimum Internal Bending Radius: 6×OD (OD>25mm); 4×OD (OD ≤25mm)

### DIMENSION AND PARAMETERS



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| No. of Cores<br>× Cross-<br>sectional Area | Nominal<br>Insulation<br>Thickness | Nominal Sheath<br>Thickness | Overall<br>Diameter (min.) | Overall<br>Diameter (max.) | Approx. Weight |
|--|------------------------------------|-----------------------------|----------------------------|----------------------------|----------------|
| No.×mm <sup>2</sup>                        | mm                                 | mm                          | mm                         | mm                         | kg/km          |
| 1x10                                       | 1.0                                | 1.0                         | 7.7                        | 9.1                        | 165            |