



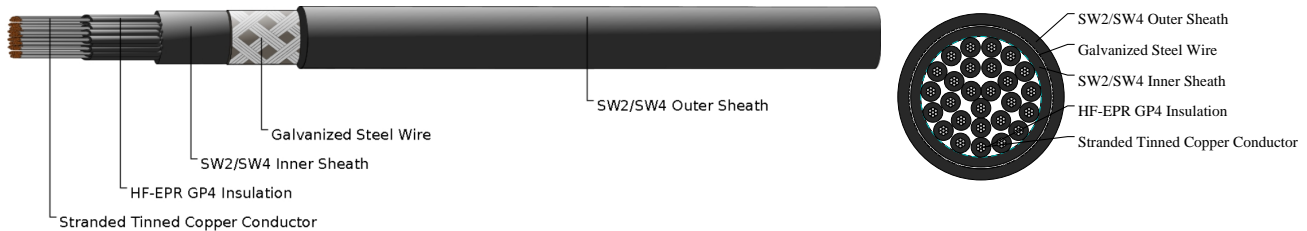
# Caledonian

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

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## 0.6/1kV HF-EPR Insulated, SW2/SW4 Sheathed Armoured Flame Retardant Power & Control Cables 27C1.5



### 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.

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

Armour: Galvanized steel wire braid. Copper wire braid can be offered upon request.

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.

### 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

No. of Cores × Cross-	Nominal Insulation Thickness	Nominal Inner	Diameter Over Inner	Diameter Over Inner	Nominal Armour	Nominal Outer	Overall Diameter (min.)	Overall Diameter (max.)	Approx. Weight
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sectional Area		Sheath Thickness	Sheath (min.)	Sheath (max.)	Wire Diameter	Sheath Thickness			
No. xmm <sup>2</sup>	mm	mm	mm	mm	mm	mm	mm	mm	kg/km
27x1.5	0.8	1.6	21.9	24.5	0.3	1.8	26.8	30.0	1270