



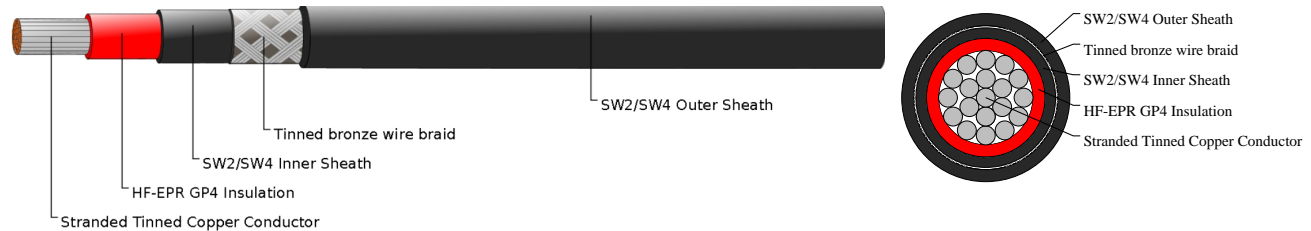
# Caledonian

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

www.caledonian-cables.com

marketing@caledonian-cables.com

## 0.6/1kV HF-EPR Insulated, SW2/SW4 Sheathed Armoured Flame Retardant Power & Control Cables 1C95.0



### 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.

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: Tinned bronze wire braid (single core). 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
-----------------------	------------------------------	---------------	---------------------	---------------------	----------------	---------------	-------------------------	-------------------------	----------------



## Caledonian

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

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

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

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
1x95	1.6	1.4	17.7	19.8	0.3	1.6	22.2	25.2	1460