



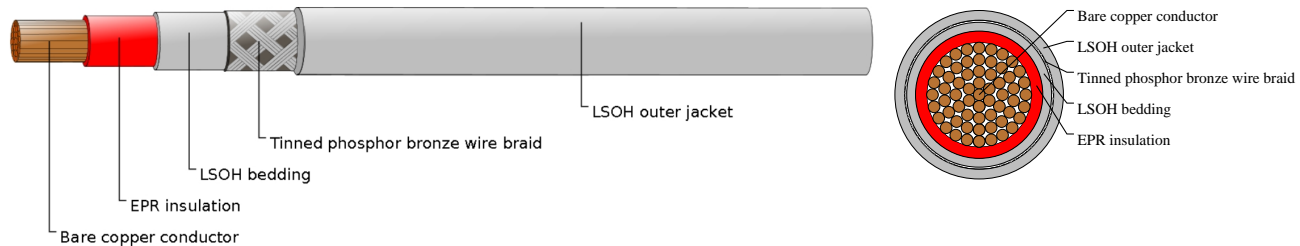
# Caledonian

Industrial Cables to British Standard

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

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## 6591TQ to BS 6883



## APPLICATIONS

These cables are designed for use in offshore applications where mechanical protection is not required. Examples of application include fixed wiring in ships and fixed offshore drilling rigs and oil platforms.

## VOLTAGE RATING

600/1000V

## CABLE CONSTRUCTION

- Fine bare copper strands
- Stranding to BS 6360 CL-2 or IEC 60228 CL-2
- EPR(Ethylene Propylene Rubber) rubber insulation to BS 7655
- Halogen free thermosetting compound bedding type SW4, according to BS 7655
- TPBWB (Tinned phosphor bronze wire braid) non-magnetic armour
- LSOH (Low Smoke Zero Halogen) outer jacket type SW4, according to BS 7655

## COLOUR CODE

1 core: Black or red

## PHYSICAL AND THERMAL PROPERTIES

- Test voltage: 3500 volts
- Minimum bending radius: up to 10mm<sup>2</sup> - 3xOverall diameter  
10mm<sup>2</sup>-25mm<sup>2</sup> - 4xOverall diameter  
Above 25mm<sup>2</sup> - 6xOverall diameter
- Temperature Range: -25° C to +85° C
- Oxygen Index 32%, HCL 5%
- Flame retardant: IEC 60332.3

## DIMENSION AND PARAMETERS

| No. of Cores<br>× Cross-<br>sectional<br>Area | AWG Size | Nominal<br>Insulation<br>Thickness | Nominal<br>Bedding<br>Thickness | Nominal<br>Sheath<br>Thickness | Nominal<br>Armour Wire<br>Diameter | Approx.<br>Overall<br>Diameter | Approx.<br>Weight |
|---|----------|------------------------------------|---------------------------------|--------------------------------|------------------------------------|--------------------------------|-------------------|
| No.×mm <sup>2</sup>                           |          | mm                                 | mm                              | mm                             | mm                                 | mm                             | kg/km             |



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|       |          |     |     |     |      |      |      |
|-------|----------|-----|-----|-----|------|------|------|
| 1x300 | -(61/10) | 2.4 | 1.9 | 2.1 | 0.45 | 39.4 | 4180 |
|-------|----------|-----|-----|-----|------|------|------|