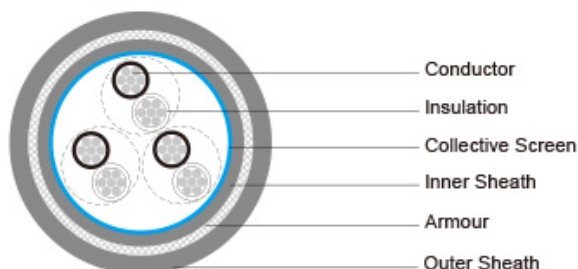


**150/250V HF-EPR Insulated, SW2/SW4 Sheathed, Collectively Screened Armoured
Fire Resistant Instrumentation & Control Cables**



Application:

These fire resistant elastomeric insulated cables are designed for fixed wiring in ships and on mobile offshore units, suitable for use in instrumentation, lighting and control circuits where fire integrity is essential.

Standards:

BS 7917; IEC 60331-31 Fire resistant; 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)

Construction:

Conductor: Tinned copper wire stranded circular cl. 2 BS 6360/IEC 60228.
 Insulation: Mica tape + HF-EPR GP4 according to BS 7655 1.2.
 Lay-up: Pairs, triples.
 Collective Screen: Aluminium/polyester tape + drain wire tinned copper.
 Inner Sheath: Halogen free thermosetting compound SB1 according to BS 7917.
 Armour: Galvanized steel wire braid. Tinned bronze 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.

**Mechanical and Thermal
Properties:**

Minimum Internal Bending Radius: 8×OD
 Temperature Range: -40°C ~ +90°C

Dimensions and Weight

Construction No. of cores×Cross section(mm²)	Nominal Insulation Thickness mm	Nominal Sheath Thickness mm	Minimum Overall Diameter mm	Maximum Overall Diameter mm	Approx. Weight kg/km
Multipair					
3×2×0.75	0.8	1.2	14.0	16.0	202
7×2×0.75	0.8	1.4	18.6	20.7	383
12×2×0.75	0.8	1.6	24.4	27.0	615
20×2×0.75	0.8	1.8	30.8	34.0	841
27×2×0.75	0.8	1.9	35.0	38.4	1265
37×2×0.75	0.8	2.1	38.8	42.6	1707
3×2×1	0.8	1.2	14.8	16.8	208

7x2x1	0.8	1.4	19.6	22.0	413
12x2x1	0.8	1.6	25.8	28.5	683
20x2x1	0.8	1.8	32.6	35.8	1070
27x2x1	0.8	2.0	37.3	40.8	1421
37x2x1	0.8	2.2	41.3	45.2	1912
Multitriples					
3x3x0.75	0.8	1.3	15.0	17.0	244
7x3x0.75	0.8	1.4	20.5	23.0	457
12x3x0.75	0.8	1.7	25.6	28.3	758
3x3x1	0.8	1.3	15.8	17.8	270
7x3x1	0.8	1.5	21.9	24.4	521
12x3x1	0.8	1.7	27.1	29.8	857