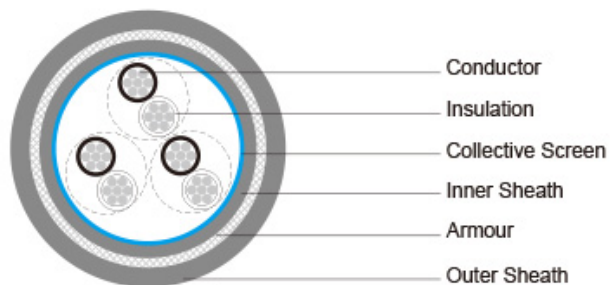


**150/250V HF-EPR Insulated, SW2/SW4 Sheathed, Collectively Screened Armoured
Flame Retardant Instrumentation & Control Cables**



Application:

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

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)

Construction:

Conductor: Tinned copper wire stranded circular cl. 2 BS 6360/IEC 60228.
 Insulation: 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 SW4 according to BS 7655 2.6 or reduced halogen thermosetting compound SW2 according to BS 7655 2.6.
 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: 8xOD
 Temperature Range: -40°C ~ +90°C

Dimensions and Weight

Construction No. of cores x Cross section (mm ²)	Nominal Insulation Thickness mm	Nominal Inner Sheath Thickness mm	Minimum Diameter Over Inner Sheath mm	Maximum Diameter Over Inner Sheath mm	Nominal Armour Wire Diameter mm	Nominal Outer Sheath Thickness mm	Minimum Overall Diameter mm	Maximum Overall Diameter mm	Approx. Weight kg/km
Multipair									
3x2x0.75	0.8	1.2	12.6	14.5	0.3	1.4	16.7	19.0	390
7x2x0.75	0.8	1.4	16.6	18.7	0.3	1.5	20.9	23.8	620
12x2x0.75	0.8	1.6	21.7	24.2	0.3	1.7	26.4	29.5	930
20x2x0.75	0.8	1.8	27.3	30.1	0.45	2.0	33.3	37.1	1460
27x2x0.75	0.8	1.9	31.1	34.2	0.45	2.2	37.4	41.4	1810

37x2x0.75	0.8	2.1	34.4	37.7	0.45	2.3	41.0	45.5	2270
3x2x1	0.8	1.2	13.3	15.3	0.3	1.4	17.4	19.8	410
7x2x1	0.8	1.4	17.6	19.8	0.3	1.6	22.1	25.1	680
12x2x1	0.8	1.6	23.1	25.7	0.3	1.8	28.0	31.2	1010
20x2x1	0.8	1.8	29.0	31.9	0.45	2.1	35.3	39.2	1600
27x2x1	0.8	2.0	33.3	36.6	0.45	2.2	39.7	44.2	2000
37x2x1	0.8	2.2	36.9	40.3	0.45	2.4	43.7	48.3	2540

Multitriples

3x3x0.75	0.8	1.3	14.2	16.2	0.3	1.4	18.3	20.7	480
7x3x0.75	0.8	1.4	19.4	21.9	0.3	1.6	24.0	27.0	780
12x3x0.75	0.8	1.7	24.2	26.8	0.45	1.9	29.3	32.9	1320
3x3x1	0.8	1.3	15.1	17.1	0.3	1.5	19.4	22.2	530
7x3x1	0.8	1.5	20.9	23.4	0.3	1.7	25.6	28.7	890
12x3x1	0.8	1.7	25.8	28.5	0.45	2.0	31.8	35.5	1480