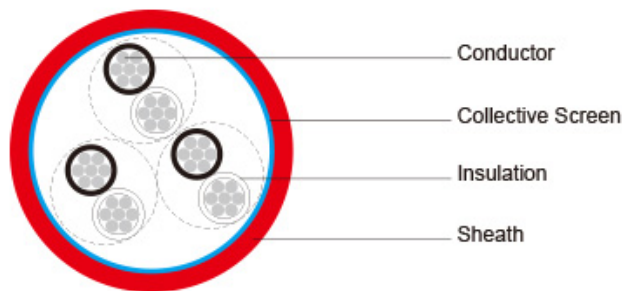


**150/250V HF-EPR Insulated, SW2/SW4 Sheathed, Collectively Screened
Unarmoured Flame Retardant Instrumentation & Control Cables**



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, quads.
Individual Screen: Aluminium/polyester tape + drain wire tinned copper.
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
Insulation Colour Scheme**

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	12.6	14.5	175
7×2×0.75	0.8	1.4	16.6	18.7	330
12×2×0.75	0.8	1.6	21.7	24.2	530
20×2×0.75	0.8	1.8	27.3	30.1	830
27×2×0.75	0.8	1.9	31.1	34.2	1070
37×2×0.75	0.8	2.1	34.4	37.7	1430
3×2×1	0.8	1.2	13.3	15.3	185
7×2×1	0.8	1.4	17.6	19.8	360
12×2×1	0.8	1.6	23.1	25.7	590
20×2×1	0.8	1.8	29.1	31.9	920

27x2x1	0.8	2.0	33.3	36.6	1220
37x2x1	0.8	2.2	36.9	40.3	1630
Multitriples					
3x3x0.75	0.8	1.3	14.2	16.2	230
7x3x0.75	0.8	1.4	19.4	21.9	440
12x3x0.75	0.8	1.7	24.2	26.8	730
3x3x1	0.8	1.3	15.1	17.1	260
7x3x1	0.8	1.5	20.9	23.4	510
12x3x1	0.8	1.7	25.8	28.5	840