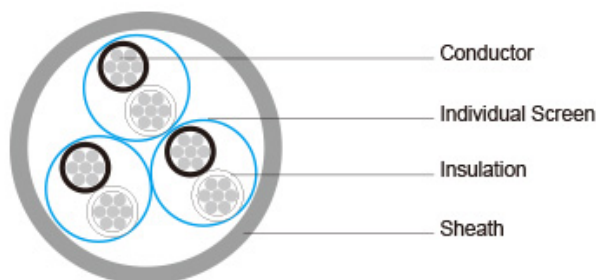


**150/250V HF-EPR Insulated, SW2/SW4 Sheathed, Individually Screened
Unarmoured Fire Resistant Instrumentation & Control Cables**



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, 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

Construction No. of cores×Cross section(mm ²)	Nominal Insulation Thickness mm	Nominal Sheath Thickness mm	Minimum Overall Diameter mm	Maximum Overall Diameter mm	Approx. Weight kg/km
Multipair					
1×2×0.75	0.8	1.0	8.1	9.8	97
3×2×0.75	0.8	1.2	14.0	16.0	227
7×2×0.75	0.8	1.4	19.0	21.1	449
12×2×0.75	0.8	1.6	23.8	26.4	740
20×2×0.75	0.8	1.9	30.4	33.5	1183
27×2×0.75	0.8	2.0	34.6	37.9	1555
37×2×0.75	0.8	2.2	40.5	44.3	1846
1×2×1	0.8	1.0	8.5	10.3	108
3×2×1	0.8	1.3	15.0	17.0	264

7x2x1	0.8	1.4	20.0	22.5	522
12x2x1	0.8	1.7	25.4	28.0	865
20x2x1	0.8	1.9	32.1	35.3	1377
27x2x1	0.8	2.1	36.8	40.2	1814
37x2x1	0.8	2.3	43.0	47.0	2432
Multitriple					
1x3x0.75	0.8	1.0	8.1	9.8	104
3x3x0.75	0.8	1.3	15.0	17.0	269
7x3x0.75	0.8	1.5	20.8	23.3	527
12x3x0.75	0.8	1.7	25.8	28.5	880
1x3x1	0.8	1.1	8.7	10.5	124
3x3x1	0.8	1.3	15.8	17.9	310
7x3x1	0.8	1.5	22.0	24.5	622
12x3x1	0.8	1.8	27.5	30.2	1032
Multiquad					
1x4x0.75	0.8	1.1	9.1	10.9	137
3x4x0.75	0.8	1.4	17.4	19.5	366
7x4x0.75	0.8	1.6	23.5	26.1	725
1x4x1	0.8	1.1	9.6	11.4	148
3x4x1	0.8	1.4	18.4	20.6	413
7x4x1	0.8	1.6	24.9	27.6	843