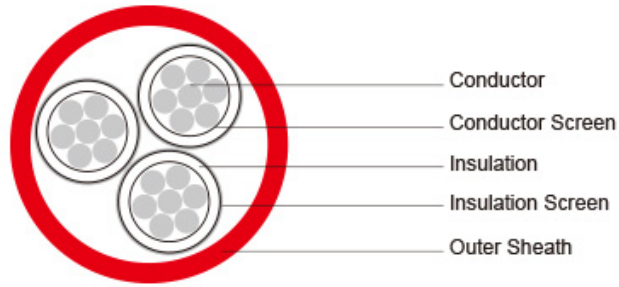


**3.8/6.6kV, 6.35/11kV, 8.7/15kV HF-EPR Insulated, SW2/SW4 Sheathed Unarmoured
Flame Retardant Power & Control Cables (Radial Field)**



Application:	These medium voltage elastomeric insulated cables are designed for fixed wiring in ships and on mobile offshore units, suitable for use in power and control applications.
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. Conductor Screen: Semiconducting layer or tape. Insulation: HF-EPR GP5 according to BS 7655 1.2. Insulation Screen: Semiconducting layer or tape +Tinned copper tape. 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: 15×OD (single core); 20×OD (three core) Temperature Range: -40°C ~ +90°C

Dimensions and Weight

Single core cables

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
1×4	1.0	1.0	6.7	8.0	90
1×6	1.0	1.0	7.2	8.5	135
1×10	1.0	1.0	8.1	9.5	180
1×16	1.0	1.1	9.3	10.7	315
1×25	1.2	1.2	11.5	13.2	550
1×35	1.2	1.2	12.3	14.1	715
1×50	1.4	1.3	14.1	15.9	830
1×70	1.4	1.3	15.8	17.8	1110
1×95	1.6	1.4	18.1	20.2	1470
1×120	1.6	1.5	20.0	22.4	2130

1×150	1.8	1.6	22.0	24.6	2475
1×185	2.0	1.7	24.4	27.0	2870
1×240	2.2	1.8	27.5	30.3	3120
1×300	2.4	1.9	30.4	33.6	4060

Multicore cables

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
2×1.5	0.8	1.1	9.0	10.4	145
2×2.5	0.8	1.1	9.8	11.4	180
2×4	1.0	1.2	11.8	13.5	260
2×6	1.0	1.2	12.9	14.6	325
2×10	1.0	1.3	14.9	16.8	445
2×16	1.0	1.4	17.1	19.1	630
2×25	1.2	1.5	21.2	23.7	930
2×35	1.2	1.6	23.1	25.7	1210
2×50	1.4	1.7	26.5	29.2	1630
2×70	1.4	1.9	30.3	33.5	2210
2×95	1.6	2.1	34.9	38.2	3010
2×120	1.6	2.2	38.4	42.2	3690
3×1.5	0.8	1.1	9.6	11.0	170
3×2.5	0.8	1.1	10.4	12.1	210
3×4	1.0	1.2	12.6	14.3	310
3×6	1.0	1.2	13.8	15.5	395
3×10	1.0	1.3	15.9	17.8	590
3×16	1.0	1.4	18.2	20.3	830
3×25	1.2	1.6	22.9	25.4	1270
3×35	1.2	1.7	24.9	27.6	1540
3×50	1.4	1.8	28.5	31.3	2100
3×70	1.4	2.0	32.7	35.9	2870
3×95	1.6	2.2	37.5	41.0	3910
3×120	1.6	2.3	41.3	45.3	4800
3×150	1.8	2.5	45.8	49.9	5810
3×185	2.0	2.7	50.9	55.5	7290
3×240	2.2	2.9	57.5	62.4	9440
4×1.5	0.8	1.1	10.5	12.1	200
4×2.5	0.8	1.1	11.4	13.1	250
4×4	1.0	1.2	13.8	15.6	375

4x6	1.0	1.3	15.3	17.3	495
4x10	1.0	1.4	17.7	19.7	740
4x16	1.0	1.5	20.3	22.8	1050
4x25	1.2	1.7	25.5	28.1	1580
4x35	1.2	1.8	27.7	30.5	1960
4x50	1.4	1.9	31.8	35.0	2570
4x70	1.4	2.1	36.3	39.7	3530
4x95	1.6	2.3	41.7	45.7	4850
4x120	1.6	2.5	46.2	50.3	5990
5x1.5	0.8	1.1	11.4	13.1	220
7x1.5	0.8	1.2	12.6	14.4	285
12x1.5	0.8	1.3	16.8	18.8	465
19x1.5	0.8	1.4	19.9	22.4	680
27x1.5	0.8	1.6	24.3	26.9	960
37x1.5	0.8	1.7	27.4	30.4	1260
5x2.5	0.8	1.2	12.7	14.4	310
7x2.5	0.8	1.2	13.9	15.6	375
12x2.5	0.8	1.4	18.7	20.8	610
19x2.5	0.8	1.5	22.1	24.7	895