



Becatech

Interconnective Power



Armoured power marine cable (SH-PC-A)

Cable Structure :

Conductor: flexible bare (optional tinned) copper according to IEC 60228 (class 5).

Inner sheath: yarn fillers and non-hygroscopic tape or extruded halogen free.

Insulation: HF XLPE according to IEC 60092-360.

Armour: bare copper wire braid (upon request tinned copper or galvanized steel braid), minimum coverage 90%.

Outer sheath: SHF1 compound according to IEC 60092-360.

Technical Specification :

Rated conductor temperature: -40°C to 90°C.

Minimum installation temperature: -15°C.

Rated bending radius: 6 x ϕ .

Fire behaviour:

- Not fire propagation according to IEC 60332-3-22.
- Not flame propagation according to IEC 60332-1-2.
- Halogen free according to IEC 60754-1.
- pH and conductivity according to IEC 60754-2.
- Fluorine content according to IEC 60684-2.
- Smoke emission according to IEC 61034.

Application :

Can be used in most areas and on open deck in ships and offshore units

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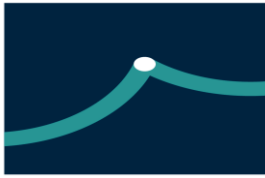
Interconnective Power

Core x mm ²	Overall Diameter mm	Cu Mass (kg/km)	Cable Mass (Kg/km)
1x4	6.9	73	89
1x6	7.4	96	112
1x10	8.6	142	163
1x16	9.7	208	231
1x25	11.6	308	352
1x35	12.9	414	469
1x50	15.1	617	640
1x70	17.1	829	872
1x95	19.8	1095	1157
1x120	22.1	1351	1427
1x150	23.5	1660	1765
1x185	25.9	2020	2101
1x240	28.9	2574	2629
2x1	8.5	59	81
2x1.5	9.1	79	96
2x2.5	9.9	104	123
2x4	11.3	142	169
2x6	12.3	188	218

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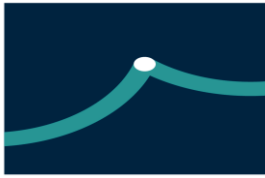
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2x10	14.9	327	332
2x16	17.3	466	481
2x25	20.9	675	727
3x1	8.9	72	97
3g1	8.9	72	97
3x1.5	9.5	97	120
3g1.5	9.5	97	120
3x2.5	10.4	132	156
3g2.5	10.4	132	156
3x4	11.9	185	220
3g4	11.9	185	220
3x6	13.0	251	290
3g6	13.0	251	290
3x10	15.7	432	445
3g10	15.7	432	445
3x16	18.3	631	658
3g16	18.3	631	658
3x25	22.3	929	1018
3g25	22.3	929	1018
3x35	25.3	1246	1377
3g35	25.3	1246	1377
3x50	29.0	1712	1841
3g50	29.0	1712	1841

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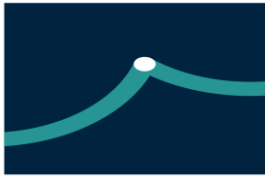
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3x70	33.2	2325	2536
3g70	33.2	2325	2536
3x95	39.4	3225	3433
3g95	39.4	3225	3433
3x120	44.3	3991	4270
3g120	44.3	3991	4270
3x150	50.1	4916	5300
3g150	50.1	4916	5300
3x185	52.7	5998	6308
3g185	52.7	5998	6308
4x1	9.6	86	116
4g1	9.6	86	116
4x1.5	10.3	117	143
4g1.5	10.3	117	143
4x2.5	11.5	163	198
4g2.5	11.5	163	198
4x4	12.9	232	273
4g4	12.9	232	273
4x6	14.7	364	384
4g6	14.7	364	384
4x10	17.4	544	573
4g10	17.4	544	573
4x16	20.2	803	848

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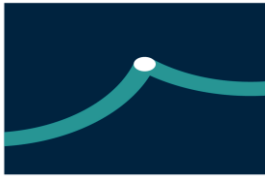
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4g16	20.2	803	848
4x25	24.7	1191	1314
4g25	24.7	1191	1314
4x35	28.0	1607	1792
4g35	28.0	1607	1792
4x50	32.1	2220	2400
4g50	32.1	2220	2400
4x70	37.2	3148	3355
4g70	37.2	3148	3355
4x95	43.9	4194	4505
4g95	43.9	4194	4505
5x1	10.4	101	136
5g1	10.4	101	136
5x1.5	11.4	138	175
5g1.5	11.4	138	175
5x2.5	12.5	194	236
5g2.5	12.5	194	236
5x4	14.7	324	349
5g4	14.7	324	349
5x6	16.0	435	465
5g6	16.0	435	465
5x10	18.9	657	692
5g10	18.9	657	692

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5x16	22.3	976	1035
5g16	22.3	976	1035
5x25	27.1	1454	1618
5g25	27.1	1454	1618
5x35	31.0	1969	2213
5g35	31.0	1969	2213
5x50	36.1	2842	3054
5g50	36.1	2842	3054
7x1	11.4	126	175
7x1.5	12.3	174	221
7g1.5	12.3	174	221
7x2.5	14.1	294	323
10x1	14.7	213	258
10x1.5	15.9	290	325
10g1.5	15.9	290	325
10x2.5	17.7	403	453
12x1	51.1	236	290
12x1.5	16.3	324	378
12x2.5	18.2	457	517
19x1.5	19.3	452	545
19x2.5	21.3	655	763
24x1	20.5	402	521
24x1.5	22.5	555	684

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24x2.5	25.1	810	971
30x1.5	23.7	654	810
30x2.5	26.5	968	1165
37x1.5	25.7	773	979
37x2.5	28.7	1156	1409

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