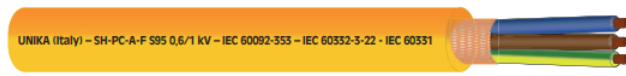




Becatech

Interconnective Power



**Fire resistant and armoured
marine power cable (SH-PC-A-F
S95)**

Cable Structure :

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

Insulation: silicone compound according to IEC 60092-360.

Colour code: according to HD308 S2.

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

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

Technical Specification :

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

Rated bending radius: $4 \times \phi < \text{cable diameter } 25\text{mm} / 6 \times \phi > \text{cable diameter } 25\text{mm}$.

Minimum installation temperature: -15°C.

Fire behaviour:

- Non fire propagation according to IEC 60332-3-22.
- Non flame propagation according to IEC 60332-1.
- Fire resistant according to IEC 60331-21, 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 for fixed installation in most areas and on open deck in ships and offshore units.

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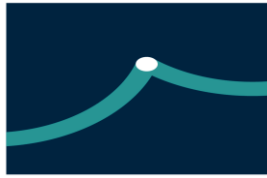
Interconnective Power

Core x mm ²	Overall Diameter mm	Cu Mass (kg/km)	Cable Mass (kg/km)
1x4	7.5	73	102
1x6	7.9	95	125
1x10	9.3	141	185
1x16	10.5	207	261
1x25	12.5	306	387
1x35	14.2	448	529
1x50	16.1	611	692
1x70	18.1	821	911
1x95	20.6	1085	1208
1x120	22.3	1340	1508
1x150	24.7	1651	1827
1x185	26.5	2005	2163
2x1	9.9	69	105
2x1.5	10.3	81	119
2x2.5	11.3	106	152
2x4	12.5	143	197
2x6	13.9	224	265
2x10	16.3	325	379
2x16	18.9	465	544
2x25	22.9	674	812
3x1	10.5	82	128
3x1.5	10.9	99	148
3g1.5	10.9	99	148
3x2.5	11.9	134	195
3g2.5	11.9	134	195
3g2.5 BK	11.9	134	195
3x4	13.6	223	272
3x6	14.7	289	348
3x10	17.5	431	516
3g10	17.5	431	516
3x16	20.3	630	750
3x25	24.3	928	1121
3x35	26.9	1241	1493
3x50	31.4	1714	2004

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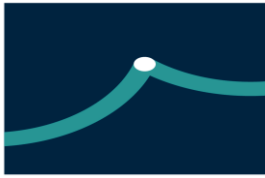
Interconnective Power

3x70	36.0	2437	2647
3x95	41.4	3224	3609
3x120	44.8	3988	4502
3x150	49.9	4916	5478
3x185	54.0	5977	6486
4x1	11.5	97	162
4x1.5	12.0	120	188
4x2.5	13.0	165	239
4x4	15.0	273	344
4x6	16.0	360	436
4g6	16.0	360	436
4x10	19.1	543	653
4x16	22.4	803	967
4x25	26.9	1193	1454
4x35	29.8	1604	1945
4x50	34.8	2227	2612
4x70	39.9	3158	3529
4x95	45.8	4194	4705
5x1	12.5	114	190
5x1.5	13.1	141	221
5x2.5	14.7	237	308
5x4	16.4	325	410
5x6	17.6	432	531
5g6	17.6	432	531
5x10	21.1	657	802
5x16	24.7	978	1192
5x25	29.8	1460	1787
5x35	33.2	1970	2419
5x50	29.1	2860	3289
7x1	14.1	178	259
7x1.5	14.7	218	303
7x2.5	15.9	297	394
10x1	17.7	241	360
10x1.5	18.5	298	424
10x2.5	20.3	410	563
12x1.5	19.1	332	479
12x2.5	20.9	464	643
14x1.5	20.2	370	554

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Interconnective Power

14x2.5	22.2	523	737
19x1.5	22.5	464	715
19x2.5	24.7	667	963
24x1	25.1	445	749
24x1.5	26.3	573	897
24x2.5	28.9	828	1209
30x1.5	28.0	674	1084
30x2.5	30.8	988	1464
37x1.5	30.3	797	1304
37x2.5	33.3	1180	1773

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