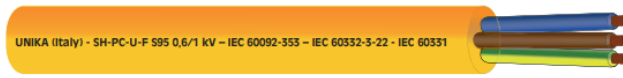




Becatech

Interconnective Power



**Fire resistant and unarmoured
marine power cable (SH-PC-U-F
S95)**

Cable Structure :

Conductor: flexible bare copper according to IEC 60228 (class 5).
Insulation: silicone compound according to IEC 60092-360.
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 60331-1 (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.

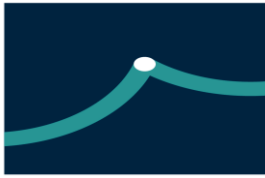
Application :

Can be used for fixed installation in most areas and on open deck in ships and offshore units.

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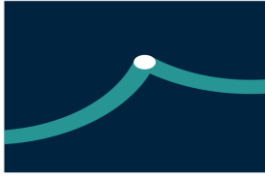
Interconnective Power

Core x mm ²	Overall Diameter mm	Cu Mass (kg/km)	Cable Mass (kg/km)
1x4	6.7	38	89
1x6	7.1	58	112
1x10	8.3	96	165
1x16	9.7	154	243
1x25	11.7	240	365
1x35	12.8	336	485
1x50	14.9	480	650
1x70	16.9	672	857
1x95	19.4	912	1145
1x120	20.9	1152	1439
1x150	23.3	1440	1764
1x185	25.3	1776	2100
2x1	9.1	19	92
2x1.5	9.5	29	106
2x2.5	10.3	48	134
2x4	11.7	77	182
2x6	12.5	115	228
2x10	15.1	192	344
2x16	17.7	307	502
2x25	21.5	480	752
3x1	9.7	29	116
3x1.5	10.1	43	134
3g1.5	10.1	43	134
3x2.5	10.9	72	175
3g2.5	10.9	72	175
3x4	12.4	115	242
3x6	13.3	173	310
3x10	16.1	288	471
3x16	18.9	461	698
3x25	23.1	720	1069
3x35	25.7	1008	1436
3x50	30.0	1440	1922
3x70	34.2	2016	2572
3x95	39.6	2736	3491

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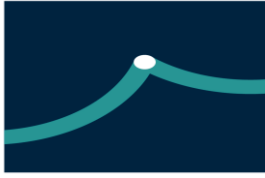
Interconnective Power

3x120	43.0	3456	4373
3x150	48.1	4320	5361
3x185	52.4	5328	6369
4x1	10.5	38	142
4x1.5	11.2	58	168
4x2.5	12.2	96	223
4x4	13.6	154	305
4x6	14.8	230	402
4x10	17.9	384	612
4x16	21.0	614	909
4x25	25.7	960	1396
4x35	28.6	1344	1881
4x50	33.6	1920	2537
4x70	38.1	2688	3416
4x95	44.2	3648	4595
5x1	11.7	48	175
5x1.5	12.3	72	205
5x2.5	10.3	48	134
5x4	15.2	192	375
5x6	16.2	288	485
5x10	19.9	480	757
5x16	23.3	768	1128
5x25	28.6	1200	1726
5x35	31.8	1680	2332
7x1	12.7	67	222
7x1.5	13.3	101	265
7x2.5	14.7	168	360
10x1	16.3	96	314
10x1.5	17.3	144	384
10x2.5	18.9	240	510
12x1.5	17.9	173	439
12x2.5	19.7	288	599
14x1.5	18.8	202	501
14x2.5	20.8	336	680
19x1.5	21.1	274	656
19x2.5	23.3	456	899
24x1	23.7	230	683
24x1.5	25.1	346	840
24x2.5	27.7	576	1147

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Interconnective Power

30x1.5	26.6	432	1010
30x2.5	29.4	720	1383
37x1.5	28.9	533	1224
37x2.5	31.9	888	1685

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