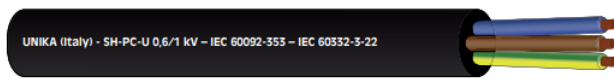




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Interconnective Power



Unarmoured marine power cable (SH-PC-U)

Cable Structure :

Conductor: flexible bare (or tinned) copper according to IEC 60228 (class 5).
Inner sheath: yarn fillers and non-hygroscopic tape or extruded halogen free.
Outer sheath: polyolefin plastic 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:

- 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.

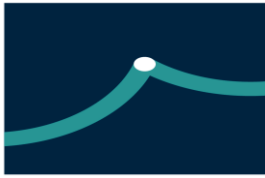
Application :

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

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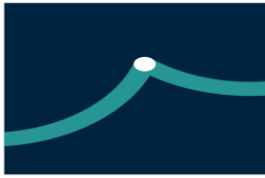
Interconnective Power

Core x mm ²	Overall Diameter mm	Cu Mass (kg/km)	Cable Mass (kg/km)
1x4	6.0	38	76
1x6	6.5	58	100
1x10	7.5	96	145
1x16	8.8	154	215
1x25	10.5	240	327
1x35	12.0	336	448
1x50	13.6	480	594
1x70	15.6	672	819
1x95	18.3	912	1095
1x120	20.6	1152	1370
1g120	20.6	1152	1370
1x150	23.3	1440	1703
1x185	24.4	1776	2039
1x240	27.6	2304	2567
2x1	7.5	19	66
2x1.5	8.1	29	81
2x2.5	9.1	48	111
2x4	10.3	77	150
2x6	11.5	115	203
2x10	13.5	192	294
2x16	15.9	307	437
2x25	19.7	480	682
3x1	7.9	29	82
3g1	7.9	29	82
3x1.5	8.7	43	108
3g1.5	8.7	43	108
3x2.5	9.6	72	144
3g2.5	9.6	72	144
3x4	10.9	115	200
3g4	10.9	115	200
3x6	12.2	173	274
3g6	12.2	173	274
3x10	14.5	288	412
3g10	14.5	288	412

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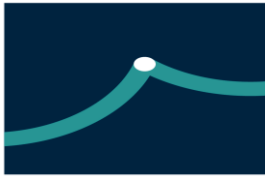
Interconnective Power

3x16	17.1	461	620
3g16	17.1	461	620
3x25	20.9	720	959
3g25	20.9	720	959
3x35	23.9	1008	1311
3g35	23.9	1008	1311
3x50	27.8	1440	1778
3g50	27.8	1440	1778
3x70	31.8	2016	2448
3g70	31.8	2016	2448
3x95	37.6	2736	3319
3g95	37.6	2736	3319
3x120	42.5	3456	2894
3g120	42.5	3456	2894
3x150	48.3	4320	5163
3g150	48.3	4320	5163
3x185	50.9	5328	6171
3g185	50.9	5328	6171
4x1	8.8	38	104
4g1	8.8	38	104
4x1.5	9.5	58	131
4g1.5	9.5	58	131
4x2.5	10.5	96	179
4g2.5	10.5	96	179
4x4	12.1	154	257
4g4	12.1	154	257
4x6	13.3	230	346
4g6	13.3	230	346
4x10	16.0	384	529
4g10	16.0	384	529
4x16	18.8	614	796
4g16	18.8	614	796
4x25	23.3	960	1249
4g25	23.3	960	1249
4x35	26.6	1344	1718
4g35	26.6	1344	1718
4x50	30.9	1920	2331
4g50	30.9	1920	2331

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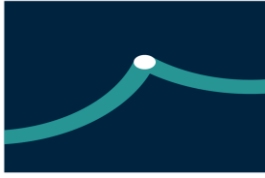
Interconnective Power

4x70	35.6	2688	3265
4g70	35.6	2688	3265
4x95	42.1	3648	4379
4g95	42.1	3648	4379
5x1	9.6	48	123
5g1	9.6	48	123
5x1.5	10.4	72	156
5g1.5	10.4	72	156
5x2.5	11.7	120	221
5g2.5	11.7	120	221
5x4	13.3	192	311
5g4	13.3	192	311
5x6	14.8	288	431
5g6	14.8	288	431
5x10	17.7	480	652
5g10	17.7	480	652
5x16	20.9	768	988
5g16	20.9	768	988
5x25	25.9	1200	1546
5g25	25.9	1200	1546
5x35	29.6	1680	2131
5g35	29.6	1680	2131
5x50	34.3	2400	2887
5g50	34.3	2400	2887
7x1	10.4	67	156
7x1.5	11.5	101	206
7x2.5	12.7	168	287
10x1	13.3	96	220
10x1.5	14.7	144	291
10x2.5	16.3	240	407
12x1.5	15.1	173	335
12x2.5	17.0	288	478
14x1.5	15.9	202	376
14x2.5	17.9	336	545
19x1.5	17.9	274	495
19x2.5	20.1	456	718
24x1	19.3	230	468
24x1.5	21.1	346	625

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Interconnective Power

24x2.5	23.7	576	906
30x1.5	22.5	432	760
30x2.5	25.3	720	1108
37x1.5	24.3	533	911
37x2.5	27.5	888	1347

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