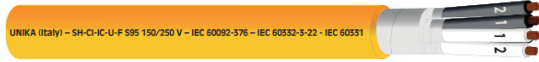




Becatech

Interconnective Power



**Fire resistant control instrumentation
marine cable individually and
collectively screened, unarmoured
(SH-CI-IC-U-F-S95)**

Cable Structure :

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

Insulation: silicone compound according to IEC 60092-360.

Individually screened: aluminum / polyester tape with drain wire (optional bare or tinned copper wire braid).

Collectively screened: aluminum / polyester tape with drain wire.

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

Core identification:

- Pair: black, white with numbers (1-1,2-2,3-3,...).
- Triple: black, white, red with numbers (1-1-1,2-2-2,3-3-3,...).
- Quad: black, white, red, blue with numbers (1-1-1-1,2-2-2-2,3-3-3-3,...).

Technical Specification :

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

Rated bending radius: 6 x ϕ .

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.

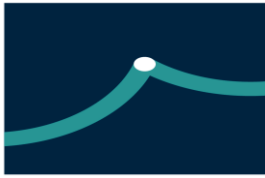
Application :

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

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If the cable is exposed to direct sunlight, protective covering or cable with black outer sheath is recommended.

Core x pair x mm ²	Overall Diameter mm	Cu Mass (kg/km)	Cable Mass (kg/km)
2x2x0.75	11.5	44	133
4x2x0.75	13.4	82	209
7x2x0.75	16.2	140	332
10x2x0.75	21.0	197	477
14x2x0.75	23.1	274	622
19x2x0.75	25.9	370	818
24x2x0.75	30.7	466	1051
30x2x0.75	32.6	581	1281
37x2x0.75	35.6	716	1535
2x2x1	11.9	60	154
4x2x1	14.0	113	256
7x2x1	16.9	192	397
10x2x1	21.8	272	571
14x2x1	23.9	377	762
19x2x1	26.8	509	1006
24x2x1	31.8	641	1264
30x2x1	33.9	800	1545
37x2x1	36.8	984	1881
2x2x1.5	13.7	80	197
4x2x1.5	16.1	152	318
7x2x1.5	19.8	260	515
10x2x1.5	25.7	368	732
14x2x1.5	28.8	512	974
19x2x1.5	31.6	692	1280
24x2x1.5	37.6	872	1637
30x2x1.5	40.0	1088	1995
37x2x1.5	43.7	1340	2429

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