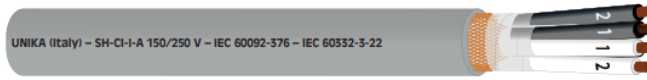




Becatech

Interconnective Power



Marine control instrumentation cable, individually screened and armoured (SH-CI-I-A)

Cable Structure :

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

Insulation: HF XLPE according to IEC 60092-360.

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

Taping: non hygroscopic.

Individual screen: aluminum / polyester tape with drain wire (optional bare of tinned copper wire braid).

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.
- 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.

Becatech B.V.
Middenweg 18
3930 Hamont-Achel

info@becatech.be
www.becatech.be
+32 (0)11 19 29 45

IBAN BE89363217265185
VAT BE0777.903.079
CoC 0777.903.079



Becatech

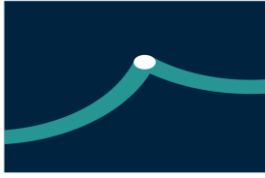
Interconnective Power

Core x pair x mm ²	Overall Diameter mm	Cu Mass (kg/km)	Cable Mass (kg/km)
2x2x0.5	9.6	81	148
4x2x0.5	10.9	120	205
7x2x0.5	13.0	218	302
10x2x0.5	17.0	298	419
14x2x0.5	18.3	370	573
19x2x0.5	20.4	464	720
24x2x0.5	23.8	573	899
30x2x0.5	25.3	674	1067
37x2x0.5	27.2	797	1269
2x2x0.75	11.0	101	190
4x2x0.75	12.8	192	275
7x2x0.75	15.7	276	379
10x2x0.75	20.0	378	580
14x2x0.75	21.6	473	734
19x2x0.75	24.1	596	934
24x2x0.75	28.4	737	1163
30x2x0.75	30.3	870	1365
37x2x0.75	32.6	1141	1636
2x2x1	11.7	120	194
4x2x1	14.0	228	296
7x2x1	16.7	335	438
10x2x1	21.1	462	672
14x2x1	23.0	588	862
19x2x1	25.7	748	1104
24x2x1	30.2	928	1385
30x2x1	32.0	1213	1649
37x2x1	34.6	1436	1969
2x2x1.5	13.9	193	239
2x2x1.5 BK	13.9	193	239
4x2x1.5	16.0	288	415
7x2x1.5	19.3	430	615
7x2x1.5 BK	19.3	430	615
10x2x1.5	24.5	595	854
14x2x1.5	26.7	763	1103

Becatech B.V.
Middenweg 18
3930 Hamont-Achel

info@becatech.be
www.becatech.be
+32 (0)11 19 29 45

IBAN BE89363217265185
VAT BE0777.903.079
CoC 0777.903.079



Becatech

Interconnective Power

19x2x1.5	29.9	976	1399
24x2x1.5	35.9	1333	1753
30x2x1.5	37.9	1580	2102
37x2x1.5	41.2	1877	2524

Becatech B.V.
Middenweg 18
3930 Hamont-Achel

info@becatech.be
www.becatech.be
+32 (0)11 19 29 45

IBAN BE89363217265185
VAT BE0777.903.079
CoC 0777.903.079