

SH-ICC

Cavi strumentazione, controllo e comunicazione 60V

General instrumentation, control and communication shipboard cables rated 60V



Technical data	
Conductor	Bare (or tinned copper) class 2 according to IEC 60228
Insulation	HF XLPE compound according to IEC 60092-351 Thickness according to IEC 60092-376 table 2
Core identification (preferential)	Pair: black, blue with numbers 1-1, 2-2, 3-3, ... Triple: black, white, brown with numbers 1-1-1, 2-2-2, 3-3-3, ... Quad: black, brown, blue, grey with numbers 1-1-1-1, 2-2-2-2, 3-3-3-3, ...
Single core assembly	Each core assembled forming pairs or triples or quads (unit)
Assembly	All cores or units assembled in round formation with suitable fillers
Inner covering	Non hygroscopic tap(s)
Screen	Bare copper braid (or tinned copper wire braid) with minimum coverage of 95%
Sheath	SHF 1 compound according to IEC 60092-359 Thickness according to IEC 60092-375 table II and III Colour: grey (or other colour agreed) Outer diameter according to IEC 60092-350 annex D
Marking	UNIKA (Italy) – SH-ICC 60 V (n° cores)x(n° units)xcross-section – IEC 60092-375 – IEC 60332-3-22 – traceability code
Rated conductor temperature for fixed installation	-40 ÷ 90°C
Minimum installation temperature	- 15°C
Minimum bending radius (according to IEC 60092-352 table 4)	8D

Fire behaviour	IEC 60332-3-22 not fire propagation IEC 60332-1-2 not flame propagation IEC 60754-1 halogen content IEC 60754-2 pH and conductivity IEC 60684-2 fluorine content IEC 61034-1 and 61034-2 light transmittance
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code	pair and conductor number x cross-section [xmm ²]	overall diameter [mm]	copper mass [Kg/km]	cable mass [Kg/km]
NN1C4	1x2x0,50	6,9	41,6	78
NN2C4	2x2x0,50 (*)	7,7	56,0	101
NN4C4	4x2x0,50	10,8	96,4	173
NN7C4	7x2x0,50	12,8	136,4	244
NNAC4	10x2x0,50	16,4	212,0	363
NNCC4	14x2x0,50	17,8	259,0	447
NNDC4	19x2x0,50	19,9	319,3	554
NNFC4	24x2x0,50	23,2	394,0	688
NNGC4	30x2x0,50	24,5	465,1	798
NNHC4	37x2x0,50	26,5	546,8	941
NN1C5	1x2x0,75	7,7	52,2	95
NN2C5	2x2x0,75 (*)	8,8	72,9	132
NN4C5	4x2x0,75	12,7	127,5	231
NN7C5	7x2x0,75	15,0	183,8	327
NNAC5	10x2x0,75	19,2	283,3	484
NNCC5	14x2x0,75	21,0	351,5	602
NNDC5	19x2x0,75	23,4	448,1	761
NNFC5	24x2x0,75	27,4	549,6	940
NNGC5	30x2x0,75	29,2	652,0	1114
NNHC5	37x2x0,75	31,8	812,9	1359

code	triple and conductor number x cross-section [xmm ²]	overall diameter [mm]	copper mass [Kg/km]	cable mass [Kg/km]
NN1T4	1x3x0,50	7,2	47,0	87
NN1T5	1x3x0,75	8,0	61,9	110

(*) in quad formation

Further formation and cross-section are available upon request