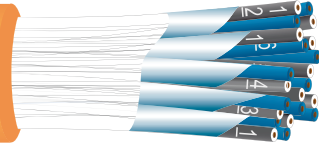


# SH-CI-I-U

Cavi per controllo e strumentazione, schermatura individualmente, non armati 150/250V (300V)  
Control and instrumentation, individually screened, unarmoured shipboard cables rated 150/250V (300V)

UNIKA – SH-CI-I-U 150/250 V – IEC 60092-376 – IEC 60332-3-22



Technical data	
<b>Conductor</b>	Bare (or tinned copper) class 5 (or class 2) according to IEC 60228
<b>Insulation</b>	HF XLPE compound according to IEC 60092-351 Thickness according to IEC 60092-376 table 2
<b>Core identification (preferential)</b>	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,
<b>Single core assembly</b>	Each core assembled forming pairs or triples or quads (unit)
<b>Individual screen on each unit</b>	Aluminium/polyester tape with drain wire (optional bare or tinned copper wire braid with drain wire)
<b>Unit assembly</b>	All units assembled in round formation with suitable fillers and non hygroscopic tape(s)
<b>Sheath</b>	SHF 1 compound according to IEC 60092-359 Thickness according to IEC 60092-376 clause 14.1 Colour: orange (or other colour agreed) Outer diameter according to IEC 60092-350 annex D
<b>Marking</b>	UNIKA (Italy) – SH-CI-I-U 150/250 V (n° cores)x(n° units)xcross-section – IEC 60092-376 – IEC 60332-3-22 – traceability code
<b>Rated conductor temperature for fixed installation</b>	-40 ÷ 90°C
<b>Minimum installation temperature</b>	- 15°C
<b>Minimum bending radius (according to IEC 60092-352 table 4)</b>	8D
<b>Fire behaviour</b>	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

code	pair and conductor number x cross-section [n x mm <sup>2</sup> ]	overall diameter [mm]	copper mass [Kg/km]	cable mass [Kg/km]
NA2C4	2x2x0,50	6,4	25,8	76
NA4C4	4x2x0,50	7,7	51,5	121
NA7C4	7x2x0,50	9,5	90,2	182
NAAC4	10x2x0,50	12,7	128,8	266
NACC4	14x2x0,50	14,0	180,4	341
NADC4	19x2x0,50	15,9	244,8	445
NAFC4	24x2x0,50	19,1	309,2	562
NAGC4	30x2x0,50	20,4	386,5	671
NAHC4	37x2x0,50	22,2	476,6	813
NA2C5	2x2x0,75	7,8	38,6	107
NA4C5	4x2x0,75	9,5	77,3	167
NA7C5	7x2x0,75	11,7	135,2	261
NAAC5	10x2x0,75	15,6	193,1	381
NACC5	14x2x0,75	17,2	270,4	494
NADC5	19x2x0,75	19,5	367,0	649
NAFC5	24x2x0,75	23,3	463,5	834
NAGC5	30x2x0,75	24,9	579,4	1000
NAHC5	37x2x0,75	27,2	714,6	1212
NA2C6	2x2x1	8,4	53,1	124
NA4C6	4x2x1	10,2	106,2	202
NA7C6	7x2x1	12,6	185,9	322
NAAC6	10x2x1	16,7	265,6	459
NACC6	14x2x1	18,5	371,8	614
NADC6	19x2x1	20,9	504,6	810
NAFC6	24x2x1	25,1	637,4	1019
NAGC6	30x2x1	26,8	796,7	1245
NAHC6	37x2x1	29,3	982,6	1516
NA2C7	2x2x1,5	10,0	69,2	156
NA4C7	4x2x1,5	12,1	138,4	263
NA7C7	7x2x1,5	15,0	242,1	422
NAAC7	10x2x1,5	19,9	345,9	596
NACC7	14x2x1,5	21,9	484,3	802
NADC7	19x2x1,5	24,9	657,2	1055
NAFC7	24x2x1,5	29,8	830,2	1351
NAGC7	30x2x1,5	31,9	1037,7	1629
NAHC7	37x2x1,5	34,8	1279,9	1996
NA2C4	2x2x0,50	6,4	25,8	76
NA4C4	4x2x0,50	7,7	51,5	121
NA7C4	7x2x0,50	9,5	90,2	182
NAAC4	10x2x0,50	12,7	128,8	266
NACC4	14x2x0,50	14,0	180,4	341
NADC4	19x2x0,50	15,9	244,8	445
NAFC4	24x2x0,50	19,1	309,2	562
NAGC4	30x2x0,50	20,4	386,5	671
NAHC4	37x2x0,50	22,2	476,6	813

Further formation and cross-section are available upon request

code	triple and conductor number x cross-section [n x mm <sup>2</sup> ]	overall diameter [mm]	copper mass [Kg/km]	cable mass [Kg/km]
NA4T4	4x3x0,50	8,7	70,8	154
NA7T4	7x3x0,50	10,8	124,0	243
NABT4	12x3x0,50	15,0	212,5	403
NA4T5	4x3x0,75	10,7	106,2	220
NA7T5	7x3x0,75	13,3	185,9	350
NABT5	12x3x0,75	18,4	318,7	572
NA4T6	4x3x1	11,5	144,9	260
NA7T6	7x3x1	14,3	253,5	422
NABT6	12x3x1	19,7	434,6	721
NA4T7	4x3x1,5	13,6	193,1	346
NA7T7	7x3x1,5	17,0	337,9	571
NABT7	12x3x1,5	23,5	579,2	952

code	quad and conductor number x cross-section [n x mm <sup>2</sup> ]	Overall diameter [mm]	copper mass [Kg/km]	cable mass [Kg/km]
NA3Q4	3x4x0,50	9,3	67,6	154
NA5Q4	5x4x0,50	11,6	112,7	235
NA7Q4	7x4x0,50	12,9	157,8	310
NA3Q5	3x4x0,75	11,4	101,4	219
NA5Q5	5x4x0,75	14,2	169,0	219
NA7Q5	7x4x0,75	15,8	101,4	219
NA3Q6	3x4x1	12,2	137,6	266
NA5Q6	5x4x1	15,3	229,4	410
NA7Q6	7x4x1	17,0	321,1	548
NA3Q7	3x4x1,5	14,5	185,8	353
NA5Q7	5x4x1,5	18,2	309,7	547
NA7Q7	7x4x1,5	20,2	433,6	731

