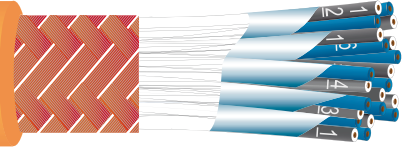


SH-CI-I-A

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

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



Technical data

Conductor	Bare (or tinned copper) class 5 (or 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, 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,
Single core assembly	Each core assembled forming pairs or triples or quads (unit)
Individual screen on each unit	Aluminium/polyester tape with drain wire (optional bare or tinned copper wire braid with drain wire)
Unit assembly	All units assembled in round formation
Inner covering	Non hygroscopic tape(s)
Armouring	Bare copper (upon request tinned copper or galvanized steel) wire braid. Minimum coverage 90%
Sheath	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
Marking	UNIKA (Italy) – SH-CI-I-A 150/250 V (n° cores)x(n° units)xcross-section – IEC 60092-376 – 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

code	pair and conductor number x cross-section [n x mm ²]	overall diameter [mm]	copper mass [Kg/km]	cable mass [Kg/km]
NB2C4	2x2x0,50	6,5	73,6	138
NB4C4	4x2x0,50	7,8	107,2	188
NB7C4	7x2x0,50	9,6	156,1	268
NBAC4	10x2x0,50	12,8	216,2	371
NBCC4	14x2x0,50	14,1	324,7	505
NBDC4	19x2x0,50	16,0	403,9	628
NBFC4	24x2x0,50	19,2	502,1	784
NBGC4	30x2x0,50	20,5	593,5	923
NBHC4	37x2x0,50	22,3	703,5	1092
NB2C5	2x2x0,75	8,8	91,3	161
NB4C5	4x2x0,75	10,5	140,7	236
NB7C5	7x2x0,75	12,7	213,8	345
NBAC5	10x2x0,75	17,0	346,5	532
NBCC5	14x2x0,75	18,6	436,9	666
NBDC5	19x2x0,75	20,9	557,5	842
NBFC5	24x2x0,75	24,7	689,0	1047
NBGC5	30x2x0,75	26,3	817,1	1221
NBHC5	37x2x0,75	28,6	981,1	1458
NB2C6	2x2x1	9,4	111,5	184
NB4C6	4x2x1	11,1	176,8	276
NB7C6	7x2x1	13,5	265,4	404
NBAC6	10x2x1	18,1	426,5	624
NBCC6	14x2x1	19,8	551,0	794
NBDC6	19x2x1	22,2	706,9	1012
NBFC6	24x2x1	26,4	875,1	1269
NBGC6	30x2x1	28,1	1046,7	1505
NBHC6	37x2x1	30,5	1265,5	1791
NB2C7	2x2x1,5	11,0	135,7	229
NB4C7	4x2x1,5	13,5	262,1	395
NB7C7	7x2x1,5	16,4	393,7	581
NBAC7	10x2x1,5	21,3	537,2	806
NBCC7	14x2x1,5	23,3	700,4	1035
NBDC7	19x2x1,5	26,3	894,8	1308
NBFC7	24x2x1,5	31,2	1116,3	1637
NBGC7	30x2x1,5	33,3	1354,1	1958
NBHC7	37x2x1,5	36,2	1618,3	2346

Further formation and cross-section are available upon request

code	triple and conductor number x cross-section [n x mm ²]	overall diameter [mm]	copper mass [Kg/km]	cable mass [Kg/km]
NB4T4	4x3x0,50	8,8	132,7	234
NB7T4	7x3x0,50	10,9	201,0	335
NBBT4	12x3x0,50	15,1	365,1	575
NB4T5	4x3x0,75	11,7	177,3	291
NB7T5	7x3x0,75	14,7	319,2	483
NBBT5	12x3x0,75	19,8	497,9	758
NB4T6	4x3x1	12,8	262,7	390
NB7T6	7x3x1	15,6	395,0	576
NBBT6	12x3x1	21,1	625,4	915
NB4T7	4x3x1,5	15,0	326,9	498
NB7T7	7x3x1,5	18,4	505,9	747
NBBT7	12x3x1,5	24,9	804,9	1184

code	quad and conductor number x cross-section [n x mm ²]	Overall diameter [mm]	copper mass [Kg/km]	cable mass [Kg/km]
NB3Q4	3x4x0,50	9,4	134,0	239
NB5Q4	5x4x0,50	11,7	194,3	339
NB7Q4	7x4x0,50	13,0	293,5	462
NB3Q5	3x4x0,75	12,4	179,7	305
NB5Q5	5x4x0,75	15,6	310,5	305
NB7Q5	7x4x0,75	19,0	179,7	305
NB3Q6	3x4x1	13,6	262,6	397
NB5Q6	5x4x1	16,6	381,3	567
NB7Q6	7x4x1	18,3	489,1	721
NB3Q7	3x4x1,5	15,9	327,8	505
NB5Q7	5x4x1,5	19,6	488,5	735
NB7Q7	7x4x1,5	21,6	632,9	939



Cavi per installazioni a bordo nave • Electrical cables for shipboard