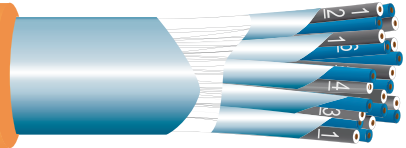


SH-CI-IC-U

Cavi controllo e strumentazione, schermatura individualmente e sul totale, non armati 150/250V (300V)

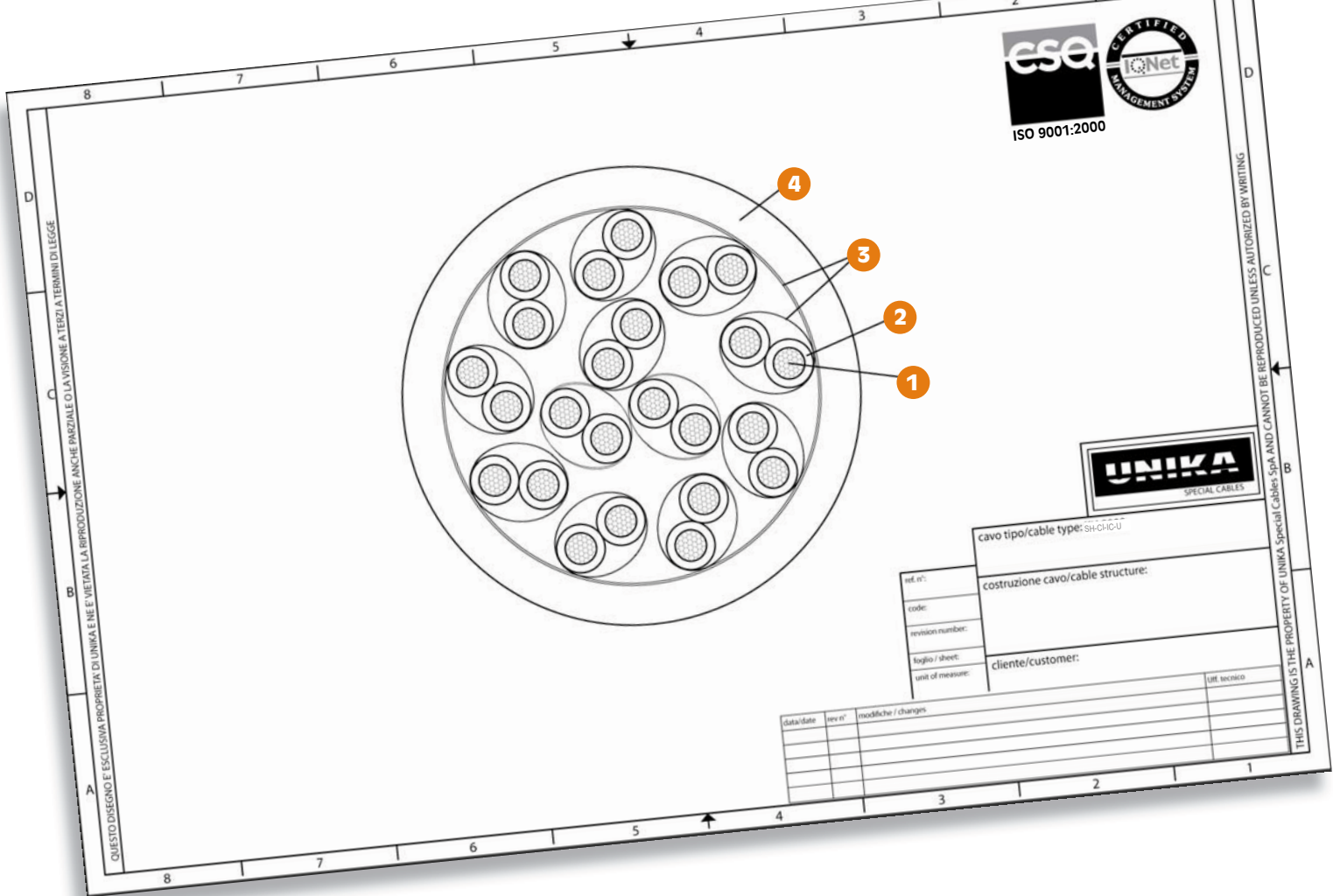
Control and instrumentation, individually and collectively screened, unarmoured shipboard cables rated 150/250V (300V)

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



Technical data

Conductor	1	Bare (or tinned copper) class 5 (or class 2) according to IEC 60228
Insulation	2	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	3	Aluminium/polyester tape with drain wire (optional bare or tinned copper wire braid with drain wire)
Unit assembly		All units assembled in round formation
Collective screen	4	Aluminium/polyester tape with drain wire
Sheath	5	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-IC-U 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]
NE2C5	2x2x0,75	10,1	42,3	107
NE4C5	4x2x0,75	11,7	79,9	167
NE7C5	7x2x0,75	14,2	136,3	264
NEAC5	10x2x0,75	18,4	192,7	379
NECC5	14x2x0,75	20,0	267,9	492
NEDC5	19x2x0,75	22,5	361,9	646
NEFC5	24x2x0,75	26,8	455,9	830
NEGC5	30x2x0,75	28,6	568,7	1010
NEHC5	37x2x0,75	30,9	700,3	1209
NE2C6	2x2x1	10,6	58,8	127
NE4C6	4x2x1	12,6	110,5	211
NE7C6	7x2x1	15,0	188,0	325
NEAC6	10x2x1	19,5	265,6	466
NECC6	14x2x1	21,4	369,0	621
NEDC6	19x2x1	24,1	498,2	819
NEFC6	24x2x1	28,4	627,5	1028
NEGC6	30x2x1	30,3	782,6	1255
NEHC6	37x2x1	33,0	963,5	1529
NE2C7	2x2x1,5	12,5	74,4	167
NE4C7	4x2x1,5	14,6	141,7	268
NE7C7	7x2x1,5	17,8	242,8	431
NEAC7	10x2x1,5	23,0	343,8	612
NECC7	14x2x1,5	25,2	478,5	812
NEDC7	19x2x1,5	28,3	646,8	1067
NEFC7	24x2x1,5	33,7	815,2	1364
NEGC7	30x2x1,5	35,9	1017,2	1661
NEHC7	37x2x1,5	39,1	1252,9	2022

code	triple and conductor number x cross-section [n x mm ²]	overall diameter [mm]	copper mass [Kg/km]	cable mass [Kg/km]
NE4T5	4x3x0,75	13,1	108,1	219
NE7T5	7x3x0,75	15,9	185,7	349
NEBT5	12x3x0,75	21,4	314,9	580
NE4T6	4x3x1	14,1	148,1	276
NE7T6	7x3x1	16,9	253,8	432
NEBT6	12x3x1	22,7	430,1	716
NE4T7	4x3x1,5	16,3	195,0	355
NE7T7	7x3x1,5	20,0	335,9	581
NEBT7	12x3x1,5	26,9	570,9	963

code	quad and conductor number x cross-section [n x mm ²]	overall diameter [mm]	copper mass [Kg/km]	cable mass [Kg/km]
NE3Q5	3x4x0,75	13,9	103,4	221
NE5Q5	5x4x0,75	16,9	169,2	337
NE7Q5	7x4x0,75	18,7	235,0	448
NE3Q6	3x4x1	14,8	141,0	272
NE5Q6	5x4x1	18,1	230,3	420
NE7Q6	7x4x1	19,8	319,6	549
NE3Q7	3x4x1,5	17,4	187,9	361
NE5Q7	5x4x1,5	21,2	308,5	556
NE7Q7	7x4x1,5	23,4	429,1	741

Further formation and cross-section are available upon request