

SH-PC-U

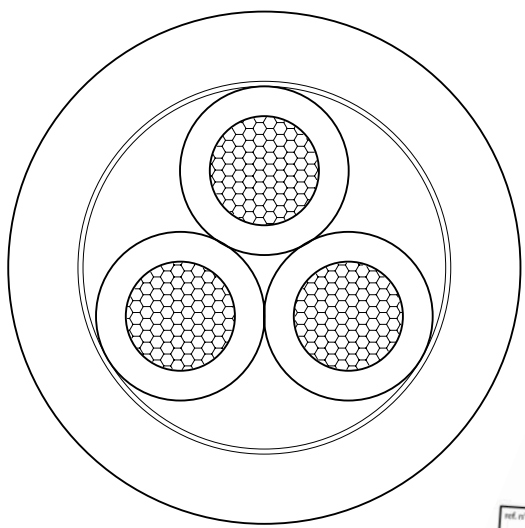
Cavi unipolari e multipolari, non armati, di potenza e controllo 0,6/1kV
Single and multicore, unarmoured power and control shipboard cables rated 0,6/1kV



UNIKA SH-PC-U 0,6/1 kV – IEC 60092-353 – IEC 60332-3-22

Technical data

Conductor	Bare (or tinned copper) class 5 according to IEC 60228
Insulation	HF XLPE compound according to IEC 60092-351 Thickness according to IEC 60092-353 amend. 1 table 1
Core identification (preferential)	1 core: black 2 cores: brown, blue 3 cores: black, grey, brown or (blue or green/yellow) 4 cores: brown, black, grey, blue or green/yellow 5 cores: blue, brown, black, grey, black or green/yellow From 5 cores: black numbered (with or without green/yellow)
Sheath	SHF 1 compound according to IEC 60092-359 Thickness according to IEC 60092-353 clause 3.7.3 Colour: black (or other colour agreed) Outer diameter according to IEC 60092-350 annex D
Marking	UNIKA (Italy) – SH-PC-U 0,6/1 kV (core number) x (cross-section) – IEC 60092-353 – 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): 4D for cables having overall diameter not above 25 mm 6D for cables having overall diameter above 25 mm with D the overall diameter
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



UNIKA
SPECIAL CABLES

cavo tipo/cable type: SH-PC-U

ref. n°:
code:
revision number:

costruzione cavo/cable structure:

LIFE INCHIO

THIS DRAWING IS THE PROPERTY OF UNIKA Special Cables SpA AND CANNOT BE REPRODUCED UNLESS AUTHORIZED BY WRITING

code (*)	conductor number x cross-section [n x mm ²]	overall diameter [mm]	copper mass [Kg/km]	cable mass [Kg/km]	Current ampacity [A] (**)
N2017	1x1,5	4,9	13,7	38,2	23
N2027	2x1,5	8,2	27,3	77,5	20
N2037	3x1,5	8,7	41,0	98,9	16
N2047	4x1,5	9,7	54,7	127,9	16
N2057	5x1,5	10,6	68,4	152,1	14
N2077	7x1,5	11,5	95,7	196,0	12
N2107	10x1,5	14,6	136,7	279,2	12
N2127	12x1,5	15,3	164,1	326,1	11
N2147	14x1,5	16,2	191,4	372,6	11
N2197	19x1,5	17,7	259,8	474,3	9
N2247	24x1,5	21,0	328,2	604,6	9
N2307	30x1,5	22,4	410,2	736,7	9
N2377	37x1,5	24,1	506,0	879,6	9
N2019	1x2,5	5,4	22,2	49,7	40
N2029	2x2,5	9,1	44,3	101,9	26
N2039	3x2,5	9,8	66,5	137,6	21
N2049	4x2,5	10,8	88,6	174,5	21
N2059	5x2,5	11,6	110,8	203,5	21
N2079	7x2,5	12,9	155,1	275,0	20
N2109	10x2,5	16,5	221,6	390,2	20
N2129	12x2,5	17,0	265,9	449,8	18
N2149	14x2,5	17,9	310,3	513,4	17
N2189	19x2,5	20,0	421,1	673,4	16
N2259	24x2,5	23,9	531,9	869,2	15
N2309	30x2,5	25,4	664,9	1056,8	15
N2379	37x2,5	27,5	820,0	1278,3	15
N201A	1x4	6,0	38,0	69,9	51
N202A	2x4	10,4	76,0	145,9	34
N203A	3x4	11,1	114,1	197,2	28
N204A	4x4	12,1	152,1	249,0	28
N205A	5x4	13,4	190,1	305,5	28
N201B	1x6	6,3	48,9	83,3	62
N202B	2x6	11,0	97,8	172,3	44
N203B	3x6	12,0	146,7	243,3	36
N204B	4x6	13,8	228,1	347,1	36
N205B	5x6	14,3	244,4	370,7	36
N201D	1x10	7,4	89,3	131,5	72
N202D	2x10	13,4	178,7	280,6	61
N203D	3x10	14,2	268,0	385,5	50

code (*)	conductor number x cross-section [n x mm ²]	overall diameter [mm]	copper mass [Kg/km]	cable mass [Kg/km]	Current ampacity [A] (**)
N204D	4x10	15,7	357,3	499,2	50
N205D	5x10	17,3	446,6	612,1	43
N201E	1x16	8,6	138,8	193,9	96
N202E	2x16	15,6	289,7	414,8	82
N203E	3x16	16,5	434,6	578,7	67
N204E	4x16	18,5	579,4	759,4	67
N205E	5x16	20,3	724,3	980,6	58
N201F	1x25	10,5	211,2	288,6	127
N202F	2x25	19,5	456,3	639,4	108
N203F	3x25	20,5	684,4	933,3	89
N204F	4x25	23,0	912,6	1174,3	89
N205F	5x25	25,6	1140,7	1457,9	76
N201G	1x35	12,0	304,2	400,5	157
N202G	2x35	21,7	625,3	839,6	133
N203G	3x35	23,0	937,9	1183,2	110
N204G	4x35	25,7	1250,6	1560,2	110
N205G	5x35	28,5	1563,2	1930,3	94
N201H	1x50	13,4	430,9	541,5	196
N202H	2x50	25,5	912,6	1188,0	167
N203H	3x50	27,1	1368,9	1686,9	137
N204H	4x50	30,8	1912,1	2325,8	137
N205H	5x50	33,8	2281,4	2777,0	118
N201J	1x70	15,6	607,3	751,8	242
N202J	2x70	29,2	1361,8	1684,5	206
N203J	3x70	31,3	2042,7	2436,5	169
N204J	4x70	34,9	2723,6	3208,9	169
N201K	1x95	17,9	805,4	992,1	293
N202K	2x95	33,0	1743,1	2141,3	249
N203K	3x95	35,4	2614,6	3102,8	205
N204K	4x95	39,6	3486,1	4104,2	205
N201L	1x120	20,1	1039,3	1272,6	339
N202L	2x120	38,6	2201,8	2141,3	288
N203L	3x120	41,4	3302,7	3989,6	237
N201M	1x150	22,2	1290,1	1565,8	389
N203M	3x150	49,5	4250	5100	272
N201N	1x185	24,7	1648,5	1976,8	444
N203N	3x185	52,5	5200	6280	311
N201P	1x240	27,5	2078,5	2480,6	522
N201Q	1x300	30,6	2540	2963	601

(*) Add letter G at the code for cables having green/yellow conductor
 (**) Current ampacity is referred to ambient temperature of 45 °C and based upon IEC 60092-352. For two or more circuits, derating factors should be taken into account.