

GAALSHIP® HF 1000

Power and control cable 0,6/1 kV



ELETTROTEK KABEL® GAALSHIP® HF 1000

Applications:

Power and control cables for fixed electrical installations aboard ships complying with IEC 60092-352

Construction:

Conductor:	Plain annealed copper or Tinned annealed copper conductor Cl. 2 flexible up to 10 mm ² Cl. 5 from 16 mm ² , acc. to EN IEC 60228
Insulation:	GAALTHERM® 595
Cores color:	Acc. to DIN VDE 0293-308, HD 308 S2 from 6 cores black cores with consecutive numbers acc. to EN 50334 green-yellow earth-wire from 3 cores
Inner sheath (if any):	Halogen free compound or synthetic tape
Outer sheath:	Halogen free thermoplastic compound type SHF1, acc. to IEC 60092-360, Thickness acc. to IEC 60092-353
Marking:	ELETTROTEK KABEL® GAALSHIP® HF 1000, cross nominal section sqmm, 0,6/1 kV, part n°, IEC 60092-353, IEC 60332-3-22, production plant, batch n°, production date, CE RoHS, progressive meter marking.

Technical data:

Nominal voltage:	U ₀ /U 0,6/1 kV
Test voltage:	3,5 kV
Temperature range:	-40°C up to +90°C
Installation temp.:	-5°C
Short circuit temperature:	+250°C
Min. bending radius:	4 x Outer diameter

Type Approvals/Certificates:

RINA / RINAMIL (Registro Italiano Navale)
BV (Bureau Veritas)
LR (Lloyd's Register)
DNV-GL (Det Norske Veritas - Germanischer Lloyd)
ABS (American Bureau of Shipping)
 Other approvals on request

Resistance:



Flame and fire retardant acc. to:
 EN IEC 60332-1-2,
 EN IEC 60332-3-22



Halogen free acc. to:
 EN IEC 60754-1/2



Smoke emission properties acc. to:
 EN IEC 61034-1/2

Features:

Sheathing and insulating materials acc. to: IEC 60092-360
 Design guidelines acc. to IEC 60092-350/353
 Choice and installation of electric cables acc. to IEC 60092-352
 Cold bend test at low temperatures
 acc. to IEC 60092-350 art. 8.9 and Annex E (-40°C)
 Cold bend impact at low temperatures
 acc. to IEC 60092-350 art. 8.9 and Annex E (-35°C)
 On request class 5 conductor for sections up to 10 mm²

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12041G7L010M15	1 x 1,5	Black	5	14	40	23
12041G7L010M25	1 x 2,5	Black	5,4	24	53	30
12041G7L010M40	1 x 4	Black	5,9	38	71	40
12041G7L010M60	1 x 6	Black	6,4	58	94	52
12041G7L010M61	1 x 10	Black	7,5	96	142	72
12041G7L010M62	1 x 16	Black	8,6	154	210	96
12041G7L010M63	1 x 25	Black	10,4	240	318	127
12041G7L010M64	1 x 35	Black	11,6	336	427	157
12041G7L010M65	1 x 50	Black	13,4	480	595	196
12041G7L010M66	1 x 70	Black	15,4	672	817	242
12041G7L010M67	1 x 95	Black	17,1	912	1079	293
12041G7L010M68	1 x 120	Black	19,1	1152	1351	339
12041G7L010M69	1 x 150	Black	21,1	1440	1683	389
12041G7L010M70	1 x 185	Black	23,5	1776	2075	444
12041G7L010M71	1 x 240	Black	26,3	2304	2662	522
12041G7L010M72	1 x 300	Black	29,3	2880	3305	601
12041G7L010M73	1 x 400	Black	33	3840	4366	690 (DC) / 670 (AC)
12041G73020M10	2 x 1	Black	8,3	19	90	11
12041G73020M15	2 x 1,5	Black	8,7	29	104	20
12041G73020M25	2 x 2,5	Black	9,7	48	138	26
12041GE3020M40	2 x 4	Green	10,8	77	183	34
12041GE3020M60	2 x 6	Green	12,0	115	239	44
12041G73020M61	2 x 10	Black	13,9	192	343	61
12041G73020M62	2 x 16	Black	16,2	307	499	82
12041G73020M63	2 x 25	Black	19,1	480	716	108
12041G73020M64	2 x 35	Black	21,5	672	962	133
12041G73020M65	2 x 50	Black	25,2	960	1338	155
12041G73030M10	3 x 1	Black	8,6	29	103	9
12041G73030M15	3 x 1,5	Black	9,4	43	128	16
12041GE2031M15	3 G 1,5	Green	9,4	43	128	20
12041G73030M25	3 x 2,5	Black	10,2	72	168	21
12041GE2031M25	3 G 2,5	Green	10,2	72	168	26
12041G73030M40	3 x 4	Black	11,4	115	227	28
12041G72031M40	3 G 4	Black	11,4	115	227	34
12041G73030M60	3 x 6	Black	12,7	173	313	36
12041G72031M60	3 G 6	Black	12,7	173	313	44
12041G73030M61	3 x 10	Black	15	288	465	50
12041G72031M61	3 G 10	Black	15	288	465	61
12041G73030M62	3 x 16	Black	17,3	461	681	67
12041G72031M62	3 G 16	Black	17,3	461	681	82
12041G73030M63	3 x 25	Black	20,5	720	996	89
12041G73030M64	3 x 35	Black	23,1	1008	1332	110
12041G73030M65	3 x 50	Black	27,	1440	1870	137
12041G73030M66	3 x 70	Black	31,2	2016	2570	169
12041G73030M67	3 x 95	Black	35	2736	3374	205
12041G73030M68	3 x 120	Black	39,4	3456	4244	237
12041G73030M69	3 x 150	Black	43,6	4320	5297	272
12041G73030M70	3 x 185	Black	48,7	5328	6487	311
12041G73030M71	3 x 240	Black	54,8	6912	8293	365
12041G73030M72	3 x 300	Black	61,4	8640	10273	421
12041GG3040M10	4 x 1	Black	9,5	38	129	13
12041GG3040M15	4 x 1,5	Orange	10,1	58	157	16
12041G73040M15	4 x 1,5	Black	10,1	58	157	16
12041GE2041M15	4 G 1,5	Green	10,1	58	157	16
12041GG3040M25	4 x 2,5	Orange	11,2	96	211	21
12041G73040M25	4 x 2,5	Black	11,2	96	211	21
12041GE2041M25	4 G 2,5	Green	11,2	96	211	21
12041G73040M40	4 x 4	Black	12,5	154	290	28
12041G72041M40	4 G 4	Black	12,5	154	290	28
12041G73040M60	4 x 6	Black	14	230	393	36
12041G72041M60	4 G 6	Black	14	230	393	36

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12041G73040M61	4 x 10	Black	16,4	384	583	50
12041G72041M61	4 G 10	Black	16,4	384	583	50
12041G73040M62	4 x 16	Black	19	614	859	67
12041G72041M62	4 G 16	Black	19	614	859	67
12041G73040M63	4 x 25	Black	22,7	960	1269	89
12041G73040M64	4 x 35	Black	25,6	1344	1710	110
12041G73040M65	4 x 50	Black	30,1	1920	2464	137
12041G73040M66	4 x 70	Black	34,7	2688	3371	169
12041G73040M67	4 x 95	Black	38,9	3648	4432	205
12041G73040M68	4 x 120	Black	43,8	4608	5591	237
12041G73040M69	4 x 150	Black	48,4	5760	6973	272
12041G73040M70	4 x 185	Black	54,2	7104	8615	311
12041G73040M71	4 x 240	Black	60,9	9216	10995	365
12041GG3050M10	5 x 1	Black	10,3	48	156	13
12041GG3050M15	5 x 1,5	Orange	11,1	72	193	16
12041G72051M15	5 G 1,5	Black	11,1	72	193	16
12041GG3050M25	5 x 2,5	Orange	12,2	120	260	21
12041G72051M25	5 G 2,5	Black	12,2	120	260	21
12041G73050M40	5 x 4	Black	13,8	192	360	28
12041G72051M40	5 G 4	Black	13,8	192	360	28
12041G73050M60	5 x 6	Black	15,4	288	485	36
12041G72051M60	5 G 6	Black	15,4	288	485	36
12041G73050M61	5 x 10	Black	18,1	480	723	50
12041G72051M61	5 G 10	Black	18,1	480	723	50
12041G73050M62	5 x 16	Black	21,1	768	1073	67
12041G72051M62	5 G 16	Black	21,1	768	1073	67
12041G73050M63	5 x 25	Black	25,3	1200	1588	89
12041G73050M64	5 x 35	Black	28,4	1680	2140	110
12041G73050M65	5 x 50	Black	33,4	2400	3065	137
12041G73050M66	5 x 70	Black	38,7	3360	4206	169
12041G73050M67	5 x 95	Black	43,3	4560	5546	172
12041G73050M68	5 x 120	Black	48,8	5760	6977	199
12041G73050M69	5 x 150	Black	54	7200	8645	228
12041G73050M70	5 x 185	Black	60,5	8880	10679	261
12041GG1070M10	7 x 1	Orange	10,9	67	189	8
12041GG1070M15	7 x 1,5	Orange	11,8	101	237	10
12041GG1070M25	7 x 2,5	Orange	13,1	168	326	14
12041GG1100M10	10 x 1	Orange	13,3	96	282	7
12041GG1100M15	10 x 1,5	Orange	14,2	144	349	9
12041GG1100M25	10 x 2,5	Orange	15,9	240	482	12
12041GG1120M10	12 x 1	Orange	14,1	115	322	7
12041GG1120M15	12 x 1,5	Orange	15,3	173	404	9
12041GG1120M25	12 x 2,5	Orange	17,1	288	560	11
12041GG1140M10	14 x 1	Orange	14,9	134	364	6
12041GG1140M15	14 x 1,5	Orange	16,1	202	458	8
12041GG1140M25	14 x 2,5	Orange	18,	336	634	11
12041GG1160M10	16 x 1	Orange	15,8	154	413	6
12041GG1160M15	16 x 1,5	Orange	17,1	230	520	8
12041GG1160M25	16 x 2,5	Orange	19	384	721	10
12041GG1190M10	19 x 1	Orange	16,6	182	470	6
12041GG1190M15	19 x 1,5	Orange	18	274	594	7
12041GG1190M25	19 x 2,5	Orange	20,2	456	834	10
12041GG1240M10	24 x 1	Orange	19,3	230	640	5
12041GG1240M15	24 x 1,5	Orange	20,8	346	799	7
12041GG1240M25	24 x 2,5	Orange	23,5	576	1119	9
12041GG1270M10	27 x 1	Orange	20	259	698	5
12041GG1270M15	27 x 1,5	Orange	21,8	389	882	7
12041GG1270M25	27 x 2,5	Orange	24,4	648	1225	9

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12041GG1300M10	30 x 1	Orange	20,7	288	751	5
12041GG1300M15	30 x 1,5	Orange	22,6	432	959	6
12041GG1300M25	30 x 2,5	Orange	25,4	720	1337	8
12041GG1370M10	37 x 1	Orange	22,6	355	908	5
12041GG1370M15	37 x 1,5	Orange	24,5	533	1148	6
12041GG1370M25	37 x 2,5	Orange	27,5	888	1608	8

Other dimensions and colors available on request.