

GAALSHIP® N07G9-K

Single-core, halogen-free, flexible control cable 450/750 V



ELETTROTEK KABEL® GAALSHIP® N07G9-K

Applications:

single-core, halogen free, control cables, for fixed electrical installations aboard ships, not subject to mechanical risk.

Type Approvals/Certificates:

RINA (Registro Italiano Navale)

Construction:

Conductor:	Flexible plain annealed copper conductor Cl. 5 acc. to EN IEC 60228, DIN VDE 0295
Insulation:	special Rubber type G9
Cores color:	black (RAL 9004), On request: Green/yellow, blue, brown, grey, red white
Marking:	ELETTROTEK KABEL N07G9-K, cross nominal section, 450/750 V A48 Progressive meter marking.

Resistance:



Flame and fire retardant acc. to:

DIN EN 60332-1-2,
IEC 60332-1-2,
DIN EN 60332-3-22,
IEC 60332-3-22



Halogen free acc. to:

EN 50267-2-1, IEC 60754-1



Corrosiveness of conflagration gases acc. to:

DIN EN 50267-2-2, IEC 60754-2



Smoke emission properties acc. to:

EN 61034, IEC 61034

Technical data:

Nominal voltage:	U ₀ /U 450/750 V
Test voltage:	2,5 kV
Temperature range:	-15°C up to +90°C
Short circuit temperature:	+250°C
Min. bending radius:	4 x Outer diameter

Features:

Acc. to CEI UNEL 35368

GAALSHIP® MARINE CABLES

GAALSHIP® N07G9-K

Single-core, halogen-free, flexible control cable 450/750 V



ELETTROTEK KABEL® GAALSHIP® N07G9-K

Part no.	No. of cores x cross section n x mm ²	Outer diameter ca.mm			Cable weight approx. kg/km	Max. resistance of conductors at 20°C (Ohm/km)	Current rating in open air at 45°C (A)	Reactance approx. (Ohm/km)		Impedance approx. (Ohm/km)				Short circuit rating I sec. (kA)
		Min.	Nom.	Max.				50 Hz	60 Hz	at 20°C		at 90°C		
										50 Hz	60 Hz	50 Hz	60 Hz	
12030E01010M15	1x1,5	2,88	2,91	2,94	15	13,3	23	0,144	0,173	13,30	13,30	13,30	13,30	215
12030E01010M25	1x2,5	2,88	2,91	2,94	21	7,98	30	0,132	0,158	7,98	7,98	7,98	7,98	357
12030E01010M40	1x4	3,53	3,56	3,59	44	4,95	40	0,122	0,146	4,95	4,95	4,95	4,95	570
12030E01010M60	1x6	4,07	4,10	4,13	62	3,3	51	0,114	0,137	3,30	3,30	3,30	3,30	860
12030E01010M61	1x10	5,94	5,98	6,02	107	1,91	72	0,105	0,126	1,91	1,91	1,91	1,91	1430
12030E01010M62	1x16	6,94	6,98	7,02	159	1,21	94	0,098	0,118	1,21	1,22	1,21	1,22	2290
12030E01010M63	1x25	3,68	8,68	9,03	245	0,78	125	0,093	0,112	0,79	0,79	0,79	0,79	3570
12030E01010M64	1x35	9,73	9,78	9,83	333	0,554	155	0,089	0,107	0,56	0,56	0,56	0,56	5000
12030E01010M65	1x50	11,63	11,68	11,73	469	0,386	196	0,085	0,102	0,40	0,40	0,40	0,40	7150
12030E01010M66	1x70	13,23	13,28	13,33	657	0,272	241	0,084	0,101	0,28	0,29	0,28	0,29	10000
12030E01010M67	1x95	15,23	15,28	15,33	853	0,206	293	0,083	0,100	0,22	0,23	0,22	0,23	13700
12030E01010M68	1x120	16,93	16,98	17,03	1069	0,161	338	0,080	0,096	0,18	0,19	0,18	0,19	17100
12030E01010M69	1x150	18,68	18,73	18,78	1335	0,129	386	0,080	0,096	0,15	0,16	0,15	0,16	21400
12030E01010M70	1x185	20,93	20,98	21,03	1620	0,106	442	0,080	0,096	0,13	0,14	0,13	0,14	26400
12030E01010M71	1x240	23,73	23,78	23,83	2167	0,0801	520	0,078	0,094	0,11	0,12	0,11	0,12	34300

Other dimensions and colors available on request.