

## GAALSHIP® MEDIUM IEEE type E

90°C, 5 kV - 8 kV - 15 kV, three power-cores + (grounding-core on request), 100% & 133% insulation level, unarmoured

ELETTROTEK KABEL® GAALSHIP® MEDIUM IEEE type E



### Construction:

<b>Conductor:</b>	flexible tinned copper conductor, acc to IEEE 1580 table 11
<b>Semi-conductive layer:</b>	semi-conductive tape + extruded thermosetting semi-conductive material acc. to UL 1309, IEEE 1580 and UL 1072
<b>Insulation:</b>	extruded thermosetting EPR compound 90°C acc. to UL 1309 Type E, IEEE 1580 Type E and UL 1072
<b>Semi-conductive layer:</b>	semi-conductive tape acc. to UL 1309, IEEE 1580 and UL 1072
<b>Screen:</b>	nylon tape with overall tinned copper braiding acc. to UL 1309, IEEE 1580 and UL 1072 each nylon tape is colored for easy phase identification (black, blue, red)
<b>Grounding conductor:</b>	one soft annealed tinned flexible stranded copper conductor without insulation acc. to ASTM B 33 and sized acc. to UL 1072 table 21.1
<b>Outer sheath:</b>	black (RAL 9005) thermosetting compound acc. to UL 1309 IEEE 1580 and UL 1072 on request different sheath colors to distinguish the different levels of voltage: 5 kV = yellow outer sheath 8 kV = orange outer sheath 15 kV = red outer sheath

### Resistance:



**Fire retardant acc. to:**  
IEC 60332-3-22,  
IEEE 1202

### Technical data:

<b>Nominal voltage:</b>	5 kV 8 kV 15 kV
<b>Temperature range:</b>	up to +90°C
<b>Min. bending radius:</b>	6 x d

### Features:

Oil abrasion, chemical, moisture, cold resistant  
Sunlight resistant  
Det Norske Veritas (DNV)  
Lloyd's register of shipping (LRS)  
American Bureau of Shipping (ABS)  
UL listed as Marine Shipboard Cables



LISTED



Available on stock CABLE GLANDS:  
see page 404 up to 416 of catalogue.

# GAALSHIP® OFFSHORE CABLES

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5 kV, 100% & 133% insulation level

Part no.	No. of cores x cross section n x AWG/MCM	Outer-Ø ca. inches ± 10%	Cable weight approx. lbs/MFt.
2503027K030A08	3x8 (+1x8)	1,137	781
2503027K030A06	3x6 (+1x6)	1,226	955
2503027K030A04	3x4 (+1x6)	1,402	1307
2503027K030A02	3x2 (+1x6)	1,538	1690
2503027K030A01	3x1 (+1x4)	1,626	1974
2503027K030A1C	3x1/0 (+1x4)	1,783	2423
2503027K030A2C	3x2/0 (+1x4)	1,913	2884
2503027K030A3C	3x3/0 (+1x3)	2,007	3315
2503027K030A4C	3x4/0 (+1x3)	2,14	3937
2503027K030APC	3x262 (+1x3)	2,31	4619
2503027K030AQC	3x313 (+1x2)	2,453	5319
2503027K030ANC	3x373 (+1x2)	2,589	6107
2503027K030ARC	3x444 (+1x1)	2,818	7280
2503027K030AOC	3x535 (+1X1)	2,974	8463
2503027K030ASC	3x646 (+1x1)	3,164	9814
2503027K030ATC	3x777(+1x1/0)	3,385	11526

8 kV, 100% insulation level

Part no.	No. of cores x cross section n x AWG/MCM	Outer-Ø ca. inches ± 10%	Cable weight approx. lbs/MFt.
25030P7K030A06	3x6 (+1x6)	1,338	1094
25030P7K030A04	3x4 (+1x6)	1,514	1462
25030P7K030A02	3x2 (+1x6)	1,65	1970
25030P7K030A01	3x1(+1x4)	1,8	2263
25030P7K030A1C	3x1/0 (+1x4)	1,895	2617
25030P7K030A2C	3x2/0 (+1x4)	2,025	3100
25030P7K030A3C	3x3/0 (+1x3)	2,119	3531
25030P7K030A4C	3x4/0 (+1x3)	2,252	4162
25030P7K030APC	3x262 (+1x3)	2,422	4864
25030P7K030AQC	3x313 (+1x2)	2,565	5581
25030P7K030ANC	3x373 (+1x2)	2,704	6392
25030P7K030ARC	3x444 (+1x1)	2,93	7582
25030P7K030AOC	3x535 (+1x1)	3,096	8806
25030P7K030ASC	3x646 (+1x1)	3,267	10137
25030P7K030ATC	3x777(+1x1/0)	3,512	11959

8 kV, 133% insulation level

Part no.	No. of cores x cross section n x AWG/MCM	Outer-Ø ca. inches ± 10%	Cable weight approx. lbs/MFt.
25031P7K030A06	3x6 (+1x6)	1,454	1249
25031P7K030A04	3x4 (+1x6)	1,63	1639
25031P7K030A02	3x2 (+1x6)	1,829	2162
25031P7K030A01	3x1 (+1x4)	1,916	2467
25031P7K030A1C	3x1/0 (+1x4)	2,012	2838
25031P7K030A2C	3x2/0 (+1x4)	2,141	3327
25031P7K030A3C	3x3/0 (+1x3)	2,236	3763
25031P7K030A4C	3x4/0 (+1x3)	2,369	4417
25031P7K030APC	3x262 (+1x3)	2,539	5133
25031P7K030AQC	3x313 (+1x2)	2,68	5870
25031P7K030ANC	3x373 (+1x2)	2,885	6884
25031P7K030ARC	3x444 (+1x1)	3,036	7959
25031P7K030AOC	3x535 (+1x1)	3,21	9167
25031P7K030ASC	3x646 (+1x1)	3,4	10554

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15 kV, 100% & 133% insulation level

Part no.	No. of cores x cross section n x AWG/MCM	Outer-Ø ca. inches ± 10%	Cable weight approx. lbs/MFt.
25030T7K030A02	3x2 (+1x6)	2,157	2759
25030T7K030A01	3x1 (+1x4)	2,239	3073
25030T7K030A1C	3x1/0 (+1x4)	2,335	3466
25030T7K030A2C	3x2/0 (+1x4)	2,461	3991
25030T7K030A3C	3x3/0 (+1x3)	2,559	4466
25030T7K030A4C	3x4/0 (+1x3)	2,691	5150
25030T7K030APC	3x262 (+1x3)	2,539	5133
25030T7K030AQC	3x313 (+1x2)	2,881	6483
25030T7K030ANC	3x373 (+1x2)	3,021	7331
25030T7K030ARC	3x444 (+1x1)	3,183	8380
25030T7K030AOC	3x535 (+1x1)	3,357	9599

15 kV, 133% insulation level

Part no.	No. of cores x cross section n x AWG/MCM	Outer-Ø ca. inches ± 10%	Cable weight approx. lbs/MFt.
25031T7K030A02	3x2 (+1x6)	2,334	3125
25031T7K030A01	3x1 (+1x4)	2,416	3470
25031T7K030A1C	3x1/0 (+1x4)	2,512	3874
25031T7K030A2C	3x2/0 (+1x4)	2,637	4411
25031T7K030A3C	3x3/0 (+1x3)	2,842	5206
25031T7K030A4C	3x4/0 (+1x3)	2,976	5930
25031T7K030APC	3x262 (+1x3)	2,989	6412
25031T7K030AQC	3x313 (+1x2)	3,091	6990
25031T7K030ANC	3x373 (+1x2)	3,204	7897
25031T7K030ARC	3x444 (+1x1)	3,347	8879
25031T7K030AOC	3x535 (+1x1)	3,521	10144

Other dimensions and colors available on request.  
25 kV version available on request.