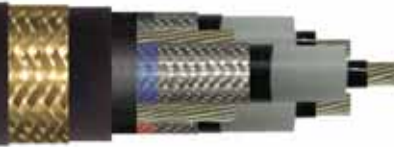


## GAALSHIP® MEDIUM IEEE type E BS

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

ELETTROTEK KABEL® GAALSHIP® MEDIUM IEEE type E BS



### 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>Inner sheath:</b>	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
<b>Armouring:</b>	bronze braiding acc. to UL 1309, IEEE Std. 45-1998
<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>	8 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



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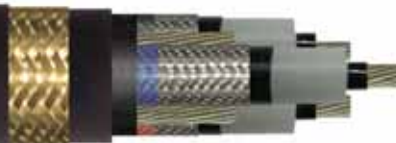


Available on stock CABLE GLANDS:  
see page 404 up to 416 of catalogue.

## GAALSHIP® MEDIUM IEEE type E BS

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

ELETTROTEK KABEL® GAALSHIP® MEDIUM IEEE type E BS



5 kV, 100% & 133% insulation level

Part no.	No. of cores x cross section n x AWG/MCM	Ø under armour ca. inches ± 10%	Outer-Ø ca. inches ± 10%	Cable weight approx. lbs/MFt.
2504027K030A08	3x8 (+1x8)	1,137	1,369	1218
2504027K030A06	3x6 (+1x6)	1,226	1,457	1424
2504027K030A04	3x4 (+1x6)	1,402	1,625	1824
2504027K030A02	3x2 (+1x6)	1,538	1,824	2372
2504027K030A01	3x1 (+1x4)	1,626	1,911	2692
2504027K030A1C	3x1/0 (+1x4)	1,783	2,081	3232
2504027K030A2C	3x2/0 (+1x4)	1,913	2,21	3749
2504027K030A3C	3x3/0 (+1x3)	2,007	2,305	4220
2504027K030A4C	3x4/0 (+1x3)	2,14	2,438	4899
2504027K030APC	3x262 (+1x3)	2,31	2,608	5654
2504027K030AQC	3x313 (+1x2)	2,453	2,796	6549
2504027K030ANC	3x373 (+1x2)	2,589	3	7402
2504027K030ARC	3x444 (+1x1)	2,818	3,161	8684
2504027K030AOC	3x535 (+1x1)	2,974	3,317	9964
2504027K030ASC	3x646 (+1x1)	3,164	3,507	11407
2504027K030ATC	3x777 (+1x1/0)	3,385	3,729	13226

8 kV, 100% insulation level

Part no.	No. of cores x cross section n x AWG/MCM	Ø under armour ca. inches ± 10%	Outer-Ø ca. inches ± 10%	Cable weight approx. lbs/MFt.
25040P7K030A08	3x6 (+1x6)	1,338	1,561	1589
25040P7K030A06	3x4 (+1x6)	1,514	1,799	2134
25040P7K030A04	3x2 (+1x6)	1,65	1,996	2725
25040P7K030A02	3x1 (+1x4)	1,8	2,085	3054
25040P7K030A01	3x1/0 (+1x4)	1,895	2,181	3454
25040P7K030A1C	3x2/0 (+1x4)	2,025	2,31	3989
25040P7K030A2C	3x3/0 (+1x3)	2,119	2,404	4458
25040P7K030A3C	3x4/0 (+1x3)	2,252	2,537	5140
25040P7K030A4C	3x262 (+1x3)	2,422	2,707	5913
25040P7K030APC	3x313 (+1x2)	2,565	2,914	6884
25040P7K030AQC	3x373 (+1x2)	2,704	3,054	7760
25040P7K030ARC	3x444 (+1x1)	2,93	3,28	9059
25040P7K030AOC	3x535 (+1x1)	3,096	3,439	10366
25040P7K030ASC	3x646 (+1x1)	3,267	3,611	11780
25040P7K030ATC	3x777 (+1x1/0)	3,512	3,855	13708

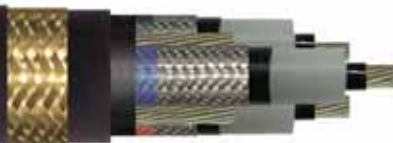
8 kV, 133% insulation level

Part no.	No. of cores x cross section n x AWG/MCM	Ø under armour ca. inches ± 10%	Outer-Ø ca. inches ± 10%	Cable weight approx. lbs/MFt.
25041P7K030A08	3x6 (+1x6)	1,454	1,74	1896
25041P7K030A06	3x4 (+1x6)	1,63	1,916	2359
25041P7K030A04	3x2 (+1x6)	1,829	2,114	2964
25041P7K030A02	3x1 (+1x4)	1,916	2,202	3306
25041P7K030A01	3x1/0 (+1x4)	2,012	2,297	3717
25041P7K030A1C	3x2/0 (+1x4)	2,141	2,427	4259
25041P7K030A2C	3x3/0 (+1x3)	2,236	2,521	4734
25041P7K030A3C	3x4/0 (+1x3)	2,369	2,654	5443
25041P7K030APC	3x262 (+1x3)	2,539	2,888	6442
25041P7K030AQC	3x313 (+1x2)	2,68	3,031	7227
25041P7K030ANC	3x373 (+1x2)	2,885	3,235	8340
25041P7K030ARC	3x444 (+1x1)	3,036	3,38	9491
25041P7K030AOC	3x535 (+1x1)	3,21	3,552	10782
25041P7K030ASC	3x646 (+1x1)	3,4	3,742	12261

## GAALSHIP® MEDIUM IEEE type E BS

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

ELETTROTEK KABEL® GAALSHIP® MEDIUM IEEE type E BS



15 kV, 100% insulation level

Part no.	No. of cores x cross section n x AWG/MCM	Ø under armour ca. inches ± 10%	Outer-Ø ca. inches ± 10%	Cable weight approx. lbs/MFt.
25040T7K030A02	3x2 (+1x6)	2,157	2,443	3697
25040T7K030A01	3x1 (+1x4)	2,239	2,524	4045
25040T7K030A1C	3x1/0 (+1x4)	2,335	2,62	4477
25040T7K030A2C	3x2/0 (+1x4)	2,461	2,81	5242
25040T7K030A3C	3x3/0 (+1x3)	2,559	2,91	5764
25040T7K030A4C	3x4/0 (+1x3)	2,691	3,041	6513
25040T7K030APC	3x262 (+1x3)	2,539	3,152	7348
25040T7K030AQC	3x313 (+1x2)	2,881	3,287	8184
25040T7K030ANC	3x373 (+1x2)	3,021	3,365	8856
25040T7K030ARC	3x444 (+1x1)	3,183	3,527	9983
25040T7K030AOC	3x535 (+1x1)	3,357	3,701	11285

15 kV, 133% insulation level

Part no.	No. of cores x cross section n x AWG/MCM	Ø under armour ca. inches ± 10%	Outer-Ø ca. inches ± 10%	Cable weight approx. lbs/MFt.
25041T7K030A02	3x2 (+1x6)	2,334	2,619	4137
25041T7K030A01	3x1 (+1x4)	2,416	2,701	4515
25041T7K030A1C	3x1/0 (+1x4)	2,512	2,861	5150
25041T7K030A2C	3x2/0 (+1x4)	2,637	2,987	5748
25041T7K030A3C	3x3/0 (+1x3)	2,842	3,192	6640
25041T7K030A4C	3x4/0 (+1x3)	2,976	3,325	7430
25041T7K030APC	3x262 (+1x3)	2,989	3,34	7831
25041T7K030AQC	3x313 (+1x2)	3,091	3,394	8529
25041T7K030ANC	3x373 (+1x2)	3,204	3,548	9510
25041T7K030ARC	3x444 (+1x1)	3,347	3,69	10560
25041T7K030AOC	3x535 (+1x1)	3,521	3,865	11910

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