

GAALSHIP® MEDIUM IEEE type E SC BS

90°C, 5 kV - 8 kV - 15 kV, single-core, 100% & 133% insulation level, armoured and sheathed (BS)

ELETTROTEK KABEL® GAALSHIP® MEDIUM IEEE type E SC BS



Construction:

Conductor:	flexible tinned copper conductor, acc to IEEE 1580 table 11
Semi-conductive layer:	semi-conductive tape + extruded thermosetting semi-conductive material acc. to UL 1309, IEEE 1580 and UL 1072
Insulation:	extruded thermosetting EPR compound 90°C acc. to UL 1309 Type E, IEEE 1580 Type E and UL 1072
Semi-conductive layer:	semi-conductive tape acc. to UL 1309, IEEE 1580 and UL 1072
Screen:	nylon tape with overall tinned copper braiding acc. to UL 1309, IEEE 1580 and UL 1072
Inner sheath:	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
Armouring:	bronze braiding acc. to UL 1309, IEEE Std. 45-1998
Outer sheath:	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

Technical data:

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

Resistance:



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

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.

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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.
2502027L010A08	1 x 8	0,564	0,751	401
2502027L010A06	1 x 6	0,604	0,836	502
2502027L010A04	1 x 4	0,686	0,918	622
2502027L010A02	1 x 2	0,75	0,981	748
2502027L010A01	1 x 1	0,79	1,064	894
2502027L010A1C	1 x 1/0	0,877	1,108	1004
2502027L010A2C	1 x 2/0	0,937	1,168	1160
2502027L010A3C	1 x 3/0	0,98	1,212	1298
2502027L010A4C	1 x 4/0	1,042	1,274	1496
2502027L010APC	1 x 262	1,121	1,353	1708
2502027L010AQC	1 x 313	1,187	1,419	1926
2502027L010ANC	1 x 373	1,252	1,484	2174
2502027L010ARC	1 x 444	1,327	1,559	2476
2502027L010AOC	1 x 535	1,408	1,706	2949
2502027L010ASC	1 x 646	1,496	1,793	3361
2502027L010ATC	1 x 777	1,599	1,881	3859
2502027L010AUC	1 x 1111	1,883	2,169	5255

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.
25020P7L010A06	1 x 6	0,656	0,888	549
25020P7L010A04	1 x 4	0,738	0,97	673
25020P7L010A02	1 x 2	0,801	1,033	806
25020P7L010A01	1 x 1	0,884	1,108	942
25020P7L010A1C	1 x 1/0	0,929	1,16	1072
25020P7L010A2C	1 x 2/0	0,989	1,22	1226
25020P7L010A3C	1 x 3/0	1,032	1,264	1363
25020P7L010A4C	1 x 4/0	1,094	1,326	1563
25020P7L010APC	1 x 262	1,173	1,405	1779
25020P7L010AQC	1 x 313	1,239	1,471	1999
25020P7L010ANC	1 x 373	1,304	1,536	2250
25020P7L010ARC	1 x 444	1,379	1,603	2538
25020P7L010AOC	1 x 535	1,46	1,746	3012
25020P7L010ASC	1 x 646	1,548	1,833	3428
25020P7L010ATC	1 x 777	1,651	1,949	3944
25020P7L010AUC	1 x 1111	1,935	2,233	5388

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.
25021P7L010A06	1 x 6	0,71	0,942	603
25021P7L010A04	1 x 4	0,792	1,016	725
25021P7L010A02	1 x 2	0,898	1,129	916
25021P7L010A01	1 x 1	0,938	1,17	1022
25021P7L010A1C	1 x 1/0	0,983	1,214	1140
25021P7L010A2C	1 x 2/0	1,043	1,274	1293
25021P7L010A3C	1 x 3/0	1,086	1,318	1432
25021P7L010A4C	1 x 4/0	1,148	1,38	1635
25021P7L010APC	1 x 262	1,227	1,459	1854
25021P7L010AQC	1 x 313	1,293	1,524	2081
25021P7L010ANC	1 x 373	1,358	1,582	2318
25021P7L010ARC	1 x 444	1,433	1,719	2734
25021P7L010AOC	1 x 535	1,46	1,758	3034
25021P7L010ASC	1 x 646	1,602	1,888	3529
25021P7L010ATC	1 x 777	1,767	2,065	4181
25021P7L010AUC	1 x 1111	1,989	2,275	5470

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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.
25020T7L010A02	1 x 2	1,05	1,269	1088
25020T7L010A01	1 x 1	1,088	1,308	1186
25020T7L010A1C	1 x 1/0	1,133	1,352	1301
25020T7L010A2C	1 x 2/0	1,191	1,41	1462
25020T7L010A3C	1 x 3/0	1,236	1,456	1608
25020T7L010A4C	1 x 4/0	1,298	1,518	1817
25020T7L010APC	1 x 262	1,397	1,616	2077
25020T7L010AQC	1 x 313	1,463	1,744	2422
25020T7L010ANC	1 x 373	1,528	1,809	2685
25020T7L010ARC	1 x 444	1,603	1,884	3014
25020T7L010AOC	1 x 535	1,742	2,024	3520
25020T7L010ASC	1 x 646	1,83	2,112	3960
25020T7L010ATC	1 x 777	1,965	2,246	4578
25020T7L010AUC	1 x 1111	2,187	2,468	5870

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.
25021T7L010A02	1 x 2	1,132	1,352	1194
25021T7L010A01	1 x 1	1,17	1,39	1299
25021T7L010A1C	1 x 1/0	1,215	1,434	1416
25021T7L010A2C	1 x 2/0	1,273	1,492	1578
25021T7L010A3C	1 x 3/0	1,338	1,558	1756
25021T7L010A4C	1 x 4/0	1,4	1,62	1971
25021T7L010APC	1 x 262	1,479	1,761	2320
25021T7L010AQC	1 x 313	1,545	1,827	2561
25021T7L010ANC	1 x 373	1,61	1,892	2836
25021T7L010ARC	1 x 444	1,747	2,029	3301
25021T7L010AOC	1 x 535	1,824	2,106	3680
25021T7L010ASC	1 x 646	1,944	2,226	4191
25021T7L010ATC	1 x 777	2,047	2,329	4753
25021T7L010AUC	1 x 1111	2,269	2,551	6057

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