

Marine Power Cables LMGSGO halogen-free, Cu-screened



Technical data

- According to VG 95281 part 61 screened. No loss of insulation if directly exposed to fire. No special fire-proofed layer necessary
- **Conductor operating temperature** max. +85 °C
- **Nominal voltage** 500 V
- **Minimum bending radius** approx. 5x cable ø

Cable structure

- Stranded copper conductor
- Heat resistant EPR-insulation 3GI3, to DIN VDE 0207 part 20
- Core stranded in layers with optimal lay-length
- Halogen-free inner filling sheath
- Copper braided screening
- Polyester foil taping
- Chloroprene based outer sheath
- Sheath colour black

Properties

- Halogen-free and flame retardant
- **Colour code**
2 cores: brown/blue
3 cores: brown/schwarz/grey
4 cores: blue/brown/black/grey
5 cores: blue/brown/black/grey/black
7-33 cores: all cores black, number coded, core 1 placed centrally.
- **Approved by**
BWB (Bundesamt für Wehrtechnik und Beschaffung), i.e. German Federal Office for Defence and Procurement

Note

- AWG sizes are approximate equivalent values. The actual cross-section is in mm².

Application

For fixed installation on marine craft above and below deck.

Part no.	No. cores x cross-sec. mm ²	Outer Ø approx. mm	Cop. weight kg / km	Weight approx. kg / km	AWG-No.
59360	2 x 1,5	7,0	89,0	110,0	16
59361	3 x 1,5	7,2	105,0	140,0	16
59362	4 x 1,5	7,8	131,0	170,0	16
59363	5 x 1,5	8,3	146,0	180,0	16
59364	7 x 1,5	9,3	180,0	230,0	16
59365	10 x 1,5	10,8	244,0	310,0	16
59366	12 x 1,5	12,0	276,0	350,0	16
59367	14 x 1,5	12,7	310,0	400,0	16
59368	16 x 1,5	13,2	342,0	450,0	16
59369	19 x 1,5	13,9	401,0	510,0	16
59370	24 x 1,5	15,5	494,0	620,0	16
59371	27 x 1,5	16,6	539,0	680,0	16
59372	33 x 1,5	17,5	635,0	810,0	16

Part no.	No. cores x cross-sec. mm ²	Outer Ø approx. mm	Cop. weight kg / km	Weight approx. kg / km	AWG-No.
59373	2 x 2,5	7,7	114,0	160,0	14
59374	3 x 2,5	8,0	144,0	190,0	14
59375	4 x 2,5	8,7	171,0	230,0	14
59376	6 x 2,5	10,3	242,0	300,0	14
59377	7 x 2,5	10,3	266,0	320,0	14

Dimensions and specifications may be changed without prior notice. (RW01)