

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 construction

- 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: black/blue
3 cores: black/blue/brown
4 cores: black/blue/brown/black
5 cores: black/blue/brown/black/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 ca. mm	Cop. weight kg / km	Weight ca. kg / km	AWG-No.
59360	2 x 1,5	9,0	89,0	110,0	16
59361	3 x 1,5	9,5	105,0	140,0	16
59362	4 x 1,5	10,5	131,0	170,0	16
59363	5 x 1,5	10,5	146,0	180,0	16
59364	7 x 1,5	11,5	180,0	230,0	16
59365	10 x 1,5	14,0	244,0	310,0	16
59366	12 x 1,5	14,5	276,0	350,0	16
59367	14 x 1,5	15,0	310,0	400,0	16
59368	16 x 1,5	16,0	342,0	450,0	16
59369	19 x 1,5	16,5	401,0	510,0	16
59370	24 x 1,5	19,0	494,0	620,0	16
59371	27 x 1,5	19,5	539,0	680,0	16
59372	33 x 1,5	21,0	633,0	810,0	16

Part No.	No. cores x cross-sec. mm ²	Outer ø ca. mm	Cop. weight kg / km	Weight ca. kg / km	AWG-No.
59373	2 x 2,5	10,0	114,0	160,0	14
59374	3 x 2,5	10,5	144,0	190,0	14
59375	4 x 2,5	11,5	171,0	230,0	14
59376	6 x 2,5	13,0	242,0	300,0	14
59377	7 x 2,5	13,0	266,0	320,0	14

Dimensions and specifications may be changed without prior notice.