

# Marine Power Cables LMGSGO halogen-free, Cu-screened



## Technical data

- acc. to VG 95218 part 61, with screen and natural insulation integrity in case of fire without a flame retardant barrier
- **Operating temperature** at conductor max. +85°C
- **Nominal voltage** 500 V
- **Minimum bending radius** 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
- Foil wrapping
- Outer sheath of elastomer compound to olefin based copolymer
- Sheath colour black

## Properties

- Halogen-free and flame retardant
- **Colour code**  
2 cores: BN, BU  
3 cores: BN, BK, GY  
4 cores: BU, BN, BK, GY  
5 cores: BU, BN, BK, GY, BK  
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 Defense and Procurement)

## Note

- AWG sizes are approximate equivalent values. The actual cross-section is in mm<sup>2</sup>.

## Application

For fixed installation on marine craft above and below deck.

Part no.	No. cores x cross-sec. mm <sup>2</sup>	Outer Ø min. - max. mm	Cop. weight kg / km	Weight approx. kg / km	AWG-No.
59360	2 x 1,5	7,0 - 7,8	89,0	100,0	16
59361	3 x 1,5	7,2 - 8,2	105,0	120,0	16
59362	4 x 1,5	7,8 - 9,2	131,0	145,0	16
59363	5 x 1,5	8,3 - 9,3	146,0	165,0	16
59364	7 x 1,5	9,3 - 10,3	180,0	215,0	16
59365	10 x 1,5	10,8 - 12,2	244,0	285,0	16
59366	12 x 1,5	12,0 - 13,3	276,0	320,0	16
59367	14 x 1,5	12,7 - 14,0	310,0	375,0	16
59368	16 x 1,5	13,2 - 14,6	342,0	400,0	16
59369	19 x 1,5	13,9 - 14,7	401,0	475,0	16
59370	24 x 1,5	15,5 - 17,2	494,0	595,0	16
59371	27 x 1,5	16,6 - 18,1	539,0	645,0	16
59372	33 x 1,5	17,5 - 19,5	633,0	790,0	16

Part no.	No. cores x cross-sec. mm <sup>2</sup>	Outer Ø min. - max. mm	Cop. weight kg / km	Weight approx. kg / km	AWG-No.
59373	2 x 2,5	7,7 - 8,6	114,0	130,0	14
59374	3 x 2,5	8,0 - 9,2	144,0	150,0	14
59375	4 x 2,5	8,7 - 10,2	171,0	200,0	14
59376	6 x 2,5	10,3 - 11,7	242,0	275,0	14
59377	7 x 2,5	10,3 - 11,7	266,0	295,0	14

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



Suitable accessories can be found in Chapter X.

- Cable Gland - HSK-PVDF