

# Marine Telecommunication Cables FMSGSGO

**250 V** with a single screen, higher cross-talk attenuation, halogen-free



## Technical data

- According to VG 95218 part 63
- **Conductor operating temperature**  
max. +85 °C
- **Min. installation temperature**  
-10 °C
- **Nominal voltage** 250 V
- **Minimum bending radius**  
approx. 3-5x cable ø

## Cable structure

- Bare copper conductor, stranded
- Cross-linked polyolefin-insulation
- Cores laid up in pairs
- Separation foil
- Each pair plain copper wire screened
- Each pair with separation foil
- Pairs laid up concentrically
- Separation foil
- Overall foil wrap
- Plain, copper wire, braided screen
- Separation foil
- Elastomere based outer sheath
- Sheath colour black

## Properties

- Oil resistant and flame retardant
- **Colour code for cores**  
Pair/counting pair: black/blue  
Pair/counting direction pair: black/brown  
Subsequent pairs: black/grey
- **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 mm<sup>2</sup>.

## Application

For fixed installation on marine craft above and below deck.

Part no.	No.pairs x cross-sec. mm <sup>2</sup>	Outer Ø approx. mm	Cop. weight kg / km	Weight approx. kg / km	AWG-No.
59150	2 x 2 x 0,75	11,1	149,0	220,0	18
59151	4 x 2 x 0,75	12,9	277,0	340,0	18
59152	7 x 2 x 0,75	14,9	489,0	500,0	18
59153	11 x 2 x 0,75	19,6	658,0	780,0	18

Part no.	No.pairs x cross-sec. mm <sup>2</sup>	Outer Ø approx. mm	Cop. weight kg / km	Weight approx. kg / km	AWG-No.
59154	14 x 2 x 0,75	20,8	731,0	950,0	18
59155	19 x 2 x 0,75	23,4	951,0	1300,0	18
59156	24 x 2 x 0,75	25,3	1181,0	1600,0	18

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