

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 construction

- Plain copper, stranded conductor
- 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 mm².

Application

For fixed installation on marine craft above and below deck.

Part No.	No.pairs x cross-sec. mm²	Outer ø ca. mm	Cop. weight kg / km	Weight ca. kg / km	AWG-No.
59150	2 x 2 x 0,75	14,0	149,0	220,0	18
59151	4 x 2 x 0,75	17,0	277,0	340,0	18
59152	7 x 2 x 0,75	20,0	489,0	500,0	18
59153	11 x 2 x 0,75	27,0	658,0	780,0	18

Part No.	No.pairs x cross-sec. mm²	Outer ø ca. mm	Cop. weight kg / km	Weight ca. kg / km	AWG-No.
59154	14 x 2 x 0,75	28,0	731,0	950,0	18
59155	19 x 2 x 0,75	32,0	951,0	1300,0	18
59156	24 x 2 x 0,75	37,0	1181,0	1600,0	18

Dimensions and specifications may be changed without prior notice.