

Marine Telecommunication Cables FMSGSGO

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



Technical data

- acc. to VG 95218 part 63
- **Operating temperature** at conductor max. +85°C
- **Min. installation temperature** -10°C
- **Nominal voltage** 250 V
- **Minimum bending radius** 5x cable Ø

Cable structure

- Bare copper conductor, stranded
- Cross-linked polyolefin-insulation
- Cores laid up in pairs
- Foil wrapping
- Each pair with bare copper wire screen
- Each pair with foil wrapping
- Pairs laid up concentrically
- Foil wrapping
- Overall foil wrap
- Bare copper wire braided screen
- Foil wrapping
- Outer sheath of elastomer compound
- Sheath colour black

Properties

- Oil resistant and flame retardant
- **Colour code for cores**
Pair/counting pair: BK/BU
Pair/counting direction pair: BK/BN
Subsequent pairs: BK/GY
- **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 mm².

Application

For fixed installation on marine craft above and below deck.

Part no.	No.pairs x cross-sec. mm ²	Outer Ø min. - max. mm	Cop. weight kg / km	Weight approx. kg / km	AWG-No.
59150	2 x 2 x 0,75	11,1 - 12,5	149,0	220,0	18
59151	4 x 2 x 0,75	12,9 - 14,5	277,0	332,0	18
59152	7 x 2 x 0,75	14,9 - 16,4	489,0	475,0	18
59153	11 x 2 x 0,75	19,6 - 21,4	658,0	705,0	18

Part no.	No.pairs x cross-sec. mm ²	Outer Ø min. - max. mm	Cop. weight kg / km	Weight approx. kg / km	AWG-No.
59154	14 x 2 x 0,75	20,8 - 22,8	731,0	900,0	18
59155	19 x 2 x 0,75	23,4 - 25,4	951,0	1130,0	18
59156	24 x 2 x 0,75	26,4 - 28,4	1181,0	1430,0	18

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



Suitable accessories can be found in Chapter X.

- Cable Gland - HSK-PVDF