

Marine Telecommunication Cables FMGSGO

halogen-free, Cu-screened



Technical data

- acc. to VG 95218 part 62, with screen and natural insulation integrity in case of fire without a flame retardant barrier
- **Operating temperature** at conductor max. +85°C
- **Nominal voltage** 250 V
- **Minimum bending radius** 5x cable Ø

Cable structure

- Bare copper conductor, stranded
- Heat resistant EPR-insulation 3GI3, to DIN VDE 0207 part 20
- To four wires twisted
- Filling compound covering all cores, halogen-free
- Screening of copper braid
- Foil wrapping
- Outer sheath of elastomer compound to olefin based copolymer
- Sheath colour black

Properties

- Halogen-free and flame retardant
- **Colour code**
All sizes and dimensions are colour coded
- **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 Navy ships in locations and on open decks.

Part no.	No.pairs x cross-sec. mm ²	Outer Ø min. - max. mm	Cop. weight kg / km	Weight approx. kg / km	AWG-No.
59380	2 x 2 x 0,75	6,7 - 7,8	89,0	100,0	18
59381	4 x 2 x 0,75	9,6 - 11,0	142,0	190,0	18
59382	6 x 2 x 0,75	10,8 - 12,3	189,0	235,0	18
59383	8 x 2 x 0,75	11,9 - 13,4	225,0	295,0	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.
59384	10 x 2 x 0,75	13,7 - 15,2	272,0	335,0	18
59385	14 x 2 x 0,75	14,9 - 16,5	338,0	475,0	18
59386	16 x 2 x 0,75	16,1 - 17,9	373,0	520,0	18

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



Suitable accessories can be found in Chapter X.
• Cable Gland - HSK-PVDF