

Marine Telecommunication Cables FMGSGO

halogen-free, Cu-screened



Technical data

- According to VG 95218 part 62 with screen and sustaining natural isolation in the case of fire without a flame retardant barrier
- **Conductor operating temperature**
max. +85 °C
- **Nominal voltage** 250 V
- **Minimum bending radius**
approx. 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
- Sheet of polyester
- 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 Defence and Procurement

Application

For fixed installation on Navy ships in locations and on open decks.

Part no.	No.pairs x cross-sec. mm ²	Outer Ø approx. mm	Cop. weight kg / km	Weight approx. kg / km	AWG-No.
59380	2 x 2 x 0,75	6,7	89,0	110,0	18
59381	4 x 2 x 0,75	9,6	142,0	190,0	18
59382	6 x 2 x 0,75	10,8	189,0	260,0	18
59383	8 x 2 x 0,75	11,9	225,0	310,0	18

Part no.	No.pairs x cross-sec. mm ²	Outer Ø approx. mm	Cop. weight kg / km	Weight approx. kg / km	AWG-No.
59384	10 x 2 x 0,75	13,7	272,0	380,0	18
59385	14 x 2 x 0,75	14,9	338,0	465,0	18
59386	16 x 2 x 0,75	16,1	373,0	520,0	18

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