

Light Marine Telecommunication cables

LFMGSSGO

halogen-free, 2x Cu-screened



Technical data

- acc. to VG 95218 part 64, 2x copper screen with natural insulation integrity in case of fire without a flame retardant barrier
- **Operating temperature** at conductor max. +85°C
- **Min. installation temperature** -10°C
- **Nominal voltage** 250 V
- **Minimum bending radius** 6x cable Ø

Cable structure

- Stranded (7) tinned copper conductor to DIN VDE 0295 cl.2, BS 6360 cl.2 and IEC 60228 cl.2
- Cross-linked polyolefin-insulation
- Core stranded to pairs with optimal lay-length
- Overall halogen-free inner filling
- Tinned copper braided double screen, separated by halogen-free foil
- Foil wrapping
- Outer sheath of elastomer compound
- Sheath colour black

Properties

- Oil resistant and flame retardant
- **Colour code for cores**
2-pair (Quad)
BK/BU/GY/BN
as of 4-pair
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)

Application

For fixed installation on marine craft above and below decks.

| Part no. | No.pairs x cross-sec. mm ² | Outer Ø min. - max. mm | Cop. weight kg / km | Weight approx. kg / km | |
|----------|---------------------------------------|------------------------|---------------------|------------------------|---|
| 59390 | 2 x 2 x 0,4 | 5,8 - 6,8 | 60,0 | 83,0 | - |
| 59391 | 4 x 2 x 0,4 | 7,7 - 8,8 | 95,0 | 132,0 | - |
| 59392 | 7 x 2 x 0,4 | 9,4 - 10,8 | 146,0 | 212,0 | - |

| Part no. | No.pairs x cross-sec. mm ² | Outer Ø min. - max. mm | Cop. weight kg / km | Weight approx. kg / km | |
|----------|---------------------------------------|------------------------|---------------------|------------------------|---|
| 59393 | 12 x 2 x 0,4 | 12,8 - 14,5 | 235,0 | 320,0 | - |
| 59394 | 19 x 2 x 0,4 | 13,8 - 15,5 | 320,0 | 425,0 | - |
| 59395 | 27 x 2 x 0,4 | 15,5 - 17,3 | 414,0 | 515,0 | - |

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



Suitable accessories can be found in Chapter X.

- Cable Gland - HSK-PVDF