

# Light Marine Telekommunikation Cables

## LFMGSSGO halogen-free, 2x Cu-screened



### Technical data

- According to VG 95218 part 64, 2x copper screening. No loss of insulation if directly exposed to open flame. No special flame proof layer necessary
- **Conductor operating temperature** max. +85°C
- **Min. installation temperature** -10°C
- **Nominal voltage** 250 V
- **Minimum bending radius** approx. 6x cable Ø

### Cable construction

- 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 screening
- Polyester foil taping
- 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

### Application

For fixed installation on marine craft above and below decks.

Part No.	No. pairs x cross-sec. mm <sup>2</sup>	Outer ø ca. mm	Cop. weight kg / km	Weight ca. kg / km
59390	2 x 2 x 0,4	8,0	90,0	95,0
59391	4 x 2 x 0,4	10,5	95,0	145,0
59392	7 x 2 x 0,4	12,5	146,0	220,0

Part No.	No. pairs x cross-sec. mm <sup>2</sup>	Outer ø ca. mm	Cop. weight kg / km	Weight ca. kg / km
59393	12 x 2 x 0,4	15,5	235,0	320,0
59394	19 x 2 x 0,4	18,0	320,0	415,0
59395	27 x 2 x 0,4	20,0	414,0	540,0

Dimensions and specifications may be changed without prior notice.