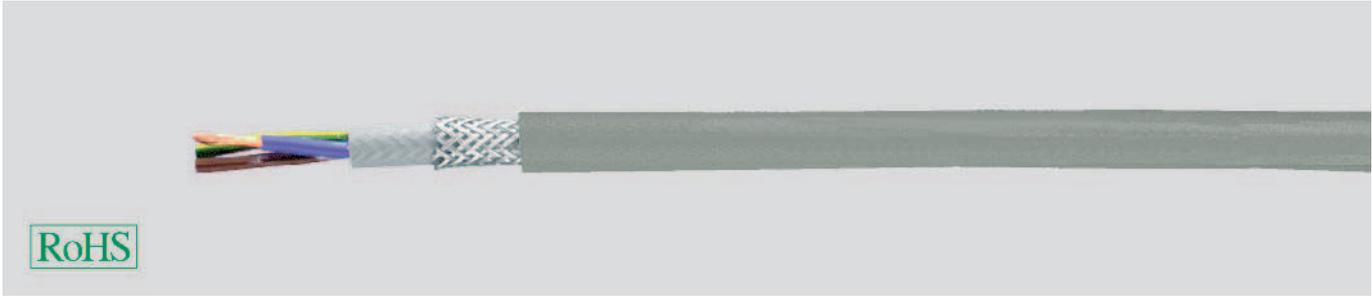


# Ships Wiring Cables-SY stranded type



## Technical data

- Special PVC cables
- **Temperature range**  
flexing +5°C to +70°C  
fixed installation -40°C to +70°C
- **Nominal voltage** 250 V
- **Test voltage** 3000 V
- **Minimum bending radius**  
approx. 7,5x cable Ø

## Cable construction

- Fine stranded, plain copper conductors according to DIN VDE 0295 cl. 5, BS 6360 cl. 5 and IEC 60228 cl. 5
- PVC-based core insulation Y12 according to DIN VDE 0207
- Cores colour coded to DIN VDE 0293 or black cores with continuous white numbering
- Core stranded in layers with optimal lay-length
- PVC inner sheath
- Galvanized steel-wire braided overall screening
- Outer sheath according to DIN VDE 0207 part 5
- Sheath colour grey (RAL 7001)

## Properties

- Extensively oil resistant.  
Chemical Resistance - see table Technical Informations
- Flame resistant and self-extinguishing as per VDE 0472, part 804, test B and IEC 60332-1
- **Approved by**  
Germanischer Lloyd

## Note

- AWG sizes are approximate equivalent values. The actual cross-section is in mm<sup>2</sup>.

## Application

The ideal cable for all fixed installations. These SY cables are also suited for use in production lines, conveyor systems, automatic assembly lines, etc. as well as in ship building. The tinned copper wire braiding offers excellent protection against both mechanical and electronic interference to the cable function.

Part No.	No. cores x cross-sec. mm <sup>2</sup>	Outer ø ca. mm	Cop. weight kg / km	Weight ca. kg / km	AWG-No.
59460	2 x 1,5	9,7	28,7	146,0	16
59461	3 x 1,5	10,1	43,1	166,0	16
59462	4 x 1,5	10,8	57,5	198,0	16
59463	5 x 1,5	11,6	71,9	230,0	16
59464	7 x 1,5	13,3	100,6	299,0	16
59465	3 x 2,5	11,6	72,1	231,0	14

Part No.	No. cores x cross-sec. mm <sup>2</sup>	Outer ø ca. mm	Cop. weight kg / km	Weight ca. kg / km	AWG-No.
59466	4 x 2,5	13,3	95,8	298,0	14
59467	5 x 2,5	14,3	120,0	355,0	14
59468	4 x 4,0	16,2	153,5	358,0	12
59469	5 x 4,0	17,5	193,0	535,0	12
59470	4 x 6,0	18,4	230,3	595,0	10
59471	5 x 6,0	19,7	288,0	714,0	10

Dimensions and specifications may be changed without prior notice.