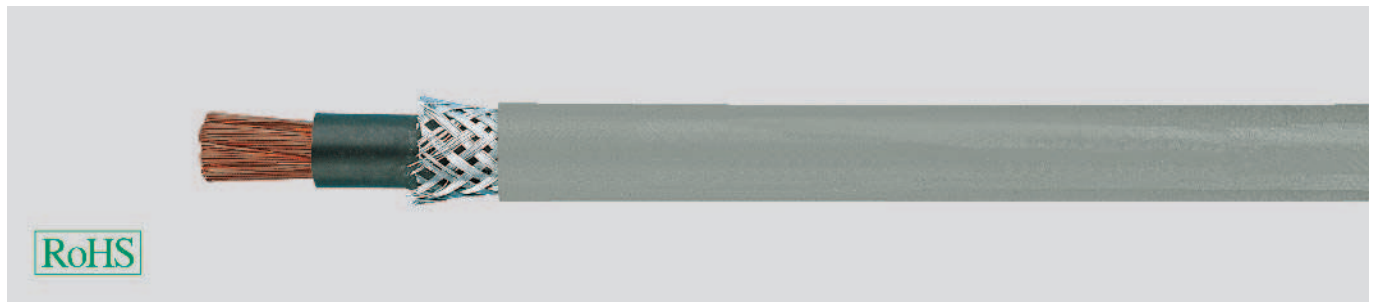


# Ships Wiring Cables-SY single cores



## Technical data

- Special PVC single cores according to DIN VDE 0250
- **Temperature range**  
flexing +5°C to +70°C  
fixed installation -40°C to +70°C
- **Nominal voltage** 250 V
- **Test voltage** 1500 V
- **Minimum bending radius**  
approx. 7,5x cable Ø

## Cable construction

- Fine wire stranded, plain copper conductors according to DIN VDE 0295 cl. 5, BS 6360 cl. 5 and IEC 60228 cl. 5
- PVC core insulation
- Tinned steel-wire braided screening
- PVC outer sheath (RAL 7001)
- Sheath colour black

## Properties

- Flame resistant and self-extinguishing as per VDE 0472, part 804, test B and IEC 60332-1
- Oil resistant according DIN VDE 0250
- **Approved by**  
Germanischer Lloyd

## Application

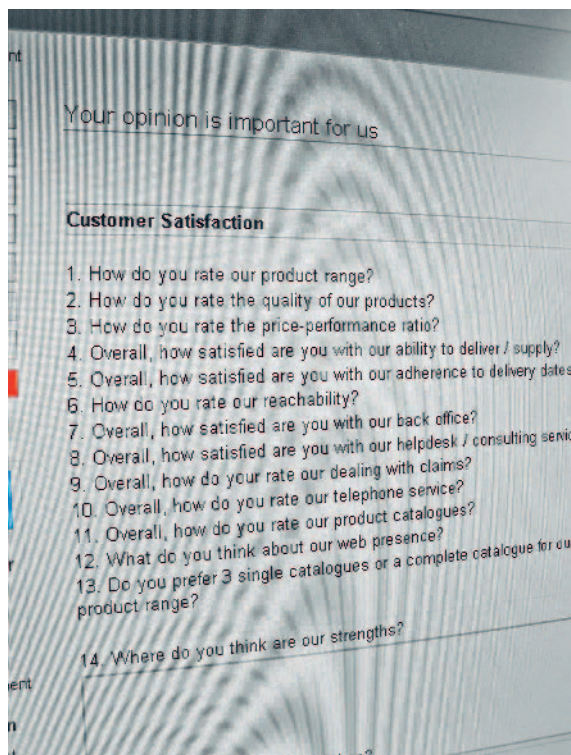
For installation in measuring and control units, for communication systems, production lines and conveyor belts. For fixed or mobile installation in dry, damp or wet areas.

These PVC single cores are also suitable for use in ship building.

Part No.	No. cores x cross-sec. mm²	Outer ø ca. mm	Cop. weight kg / km	Weight ca. kg / km	AWG-No.
59450	1 x 6,0	8,3	57,4	148,0	10
59451	1 x 10,0	10,3	95,8	221,0	8
59452	1 x 16,0	10,3	153,4	293,0	6
59453	1 x 25,0	13,7	239,5	447,0	4

Part No.	No. cores x cross-sec. mm²	Outer ø ca. mm	Cop. weight kg / km	Weight ca. kg / km	AWG-No.
59454	1 x 35,0	15,2	335,0	565,0	2
59455	1 x 50,0	18,1	479,5	788,0	1
59456	1 x 70,0	21,1	671,0	1061,0	2/0
59457	1 x 95,0	22,8	910,0	1355,0	3/0

Dimensions and specifications may be changed without prior notice.



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