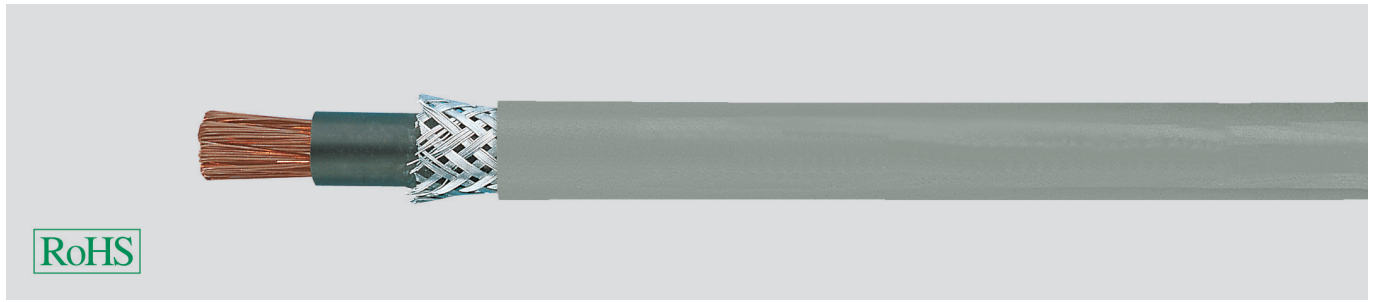


Ships Wiring Cables-SY single cores



Technical data

- Special PVC single cores acc. 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**
7,5x cable Ø

Cable structure

- Bare copper-conductor, to DIN VDE 0295 cl.5, fine-wire, BS 6360 cl.5, IEC 60228 cl.5
- PVC core insulation
- Tinned steel-wire braided screening
- PVC outer sheath
- Sheath colour grey (RAL 7001)

Properties

- self-extinguishing and flame retardant acc. to DIN VDE 0482-332-1-2, DIN EN 60332-1-2, IEC 60332-1 (equivalent DIN VDE 0472 part 804 test method B)
- Oil resistant according DIN VDE 0250
- **Approved by**
Germanischer Lloyd

Note

- AWG sizes are approximate equivalent values. The actual cross-section is in mm².

Application

A connection and a connection cable for measuring and control devices for communication systems, production lines, conveyor systems for fixed and variable connection in humid, wet and dry areas.

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

Part no.	No. cores x cross-sec. mm ²	Outer Ø app. mm	Cop. weight kg / km	Weight app. kg / km	AWG-No.
59450	1 x 6	8,3	57,4	148,0	10
59451	1 x 10	10,3	95,8	221,0	8
59452	1 x 16	10,3	153,4	293,0	6
59453	1 x 25	13,7	239,5	447,0	4

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

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