

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 structure

- 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

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. mm²	Outer Ø approx. mm	Cop. weight kg / km	Weight approx. 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. mm²	Outer Ø approx. mm	Cop. weight kg / km	Weight approx. 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)