

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**
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
- Core insulation of PVC
compound type YI2 acc. to
DIN VDE 0207 part 4
- Cores colour coded to DIN VDE 0293 or
black cores with continuous white numbering
- Core stranded in layers with
optimal lay-length
- Inner sheath of PVC
- Galvanized steel-wire braided overall
screening
- Outer sheath of PVC
compound type YM2 acc. to
DIN VDE 0207 part 5
- Sheath colour grey (RAL 7001)

Properties

- Extensively oil resistant.
Chemical Resistance - see table Technical
Informations
- 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)
- **Approved by**
Germanischer Lloyd

Note

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

Application

Ideally suited for fixed installation but also for the variable use of manufacturing lines, machine tools, conveyor systems and robotic assembly lines. A line that can also be used in shipbuilding. The galvanized steel braid protects against mechanical stress and simultaneously effective against electrical interference.

Part no.	No. cores x cross-sec. mm²	Outer Ø app. mm	Cop. weight kg / km	Weight app. 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. mm²	Outer Ø app. mm	Cop. weight kg / km	Weight app. 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	16,2	153,5	358,0	12
59469	5 x 4	17,5	193,0	535,0	12
59470	4 x 6	18,4	230,3	595,0	10
59471	5 x 6	19,7	288,0	714,0	10

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