

Rubber / Neoprene Control Cable Types SJO und SO



Technical data

- UL+CSA approved rubber/neoprene flexible cables
- **Temperature range**
SJO and SO -40°C to +90°C
- **Nominal voltage**
300 V for **SJO**
600 V for **SO**
- **Approvals**
UL Subject 62
CSA-C22.2-49

Cable structure

- Plain copper conductors to ASTM B-174
- Core insulation of synthetic rubber, EPDM
- Cores colour coded
- Cores stranded in layers with optimal lay-length
- Hemp or cotton tape
- Outer jacket neoprene (oil resistant)
- Jacket colour black

Properties

- **Resistant**
Oil
Wetness
UV-radiation
- **Colour code**
2 cores black, white
3 cores black, white, green
4 cores black, white, green, red

Note

- **Note: SJO-18/2**
18 = AWG 18
2 = No. of cores
- Supply lengths are on original reels of 76 m or 152 m or on drums of 305 m lengths.
- Further Types also available: PVC control cables SJT, SJTO, ST, STO.
- AWG sizes are approximate equivalent values. The actual cross-section is in mm².

Application

For use as a feeder cable under rough conditions in motors and machine construction, at shipyards, in steel production and in farming.
CE = The product is conformed with the EC Low-Voltage Directive 2006/95/EG.

Nominal voltage 300 Volt, type SJO (90°C)

Part No.	No. cores / AWG-no.	Current carrying capacity in Amp.	Cond. make-up n x wire ø	Outer ø ca. mm	Weight ca. kg / km
63010	2 / 18	7	16 x 0,3	7,8	65,0
63011	3 / 18	7	16 x 0,3	8,4	80,0
63012	4 / 18	7	16 x 0,3	9,2	95,0
63013	2 / 16	10	26 x 0,3	8,3	130,0
63014	3 / 16	10	26 x 0,3	9,0	148,0
63015	4 / 16	10	26 x 0,3	10,0	180,0
63016	2 / 14	15	41 x 0,3	9,4	195,0
63017	3 / 14	15	41 x 0,3	10,0	225,0
63018	4 / 14	15	41 x 0,3	10,7	288,0

Nominal voltage 600 Volt, type SO (90°C)

Part No.	No. cores / AWG-no.	Current carrying capacity in Amp.	Cond. make-up n x wire ø	Outer ø ca. mm	Weight ca. kg / km
63034	2 / 18	7	16 x 0,3	10,0	70,0
63035	3 / 18	7	16 x 0,3	10,4	86,0
63036	4 / 18	7	16 x 0,3	11,0	110,0
63037	2 / 16	10	26 x 0,3	10,4	140,0
63038	3 / 16	10	26 x 0,3	11,0	155,0
63039	4 / 16	10	26 x 0,3	12,3	200,0
63040	2 / 14	15	41 x 0,3	13,5	200,0
63041	3 / 14	15	41 x 0,3	14,3	235,0
63042	4 / 14	15	41 x 0,3	15,3	300,0
63043	2 / 12	20	65 x 0,3	15,3	280,0
63044	3 / 12	20	65 x 0,3	16,2	310,0
63045	4 / 12	20	65 x 0,3	18,9	330,0
63046	2 / 10	25	105 x 0,3	16,4	305,0
63047	3 / 10	25	105 x 0,3	17,5	325,0
63048	4 / 10	25	105 x 0,3	19,0	365,0

Dimensions and specifications may be changed without prior notice. (RN04)