

# NEOPREN Command Cable flexible, colour or number coded with support organ



## Technical data

- Special neoprene cable adapted to DIN VDE 0250 part 807 and DIN VDE 0282 part 807 and 808
- With strain bearing support strand
- **Temperature range**  
flexing -25 °C to +60 °C  
fixed installation -40 °C to +80 °C
- **Nominal voltage** U<sub>0</sub>/U 300/500 V
- **Test voltage** 3000 V
- **Minimum bending radius**  
for continuous bending without forced guiding operation 12,5x cable ø  
for flexing with forced guiding operation 20x cable ø

## Cable structure

- Bare copper, fine wire conductors, bunch stranded to DIN VDE 0295, cl. 6, col. 4, BS 6360 cl. 6 and IEC 60228
- Core insulation of rubber
- Black cores with continuous white numbering according to DIN VDE 0293
- Green-yellow earth core
- Cores stranded in layers with optimal lay-length
- Support organ (hemp or sisal-string etc.), and/or taping with load carrying thread as construction permits
- Neoprene outer jacket, colour black
- A further selection of sizes and dimensions is available on request.

## Properties

- Generally oil, flat and alkali resistant

## Note

- G = with green-yellow earth core;  
x = without green-yellow earth core.
- Not suitable for a winding up and an unwinding on spring or motor cable reels.
- Break resistance must be taken into consideration.
- By the assembly the cables must be installed without torsion. The mobility of the stranded core is not be affected by using of clamps.
- The occurring pulling forces are to be carried by the support organ.

## Application

As robust and weather resistant cable for machines, equipment and appliances, which are constantly exposed to the outdoor weather conditions (e.g. building machinery, conveyor and hoist systems, dry docks etc.). They are ideal for use as control cable in trailing cables. They are also suitable in dry, damp and wet areas for wall- and push-button panels and as power cable.

The core insulation is ozone resistant and the outer jacket made of chloroprene is hardly flammable and abrasion resistant.

CE= The product is conformed with the EC Low-Voltage Directive 2006/95/EG.

Part no.	No. cores x cross-sec. mm²	Outer Ø approx. mm	Tensile strength of susp. strand in N	Cop. weight kg / km	Weight approx. kg / km	AWG-No.
25001	2 x 1	7,5	300	19,0	90,0	17
25002	3 G 1	8,5	150	29,0	111,0	17
25003	4 G 1	9,7	300	38,0	141,0	17
25004	5 G 1	11,5	300	48,0	170,0	17
25005	6 G 1	13,4	-	58,0	187,0	17
25006	7 G 1	13,8	2290	67,0	204,0	17
25007	9 G 1	15,8	2890	86,0	274,0	17
25008	12 G 1	17,5	6740	115,0	389,0	17
25009	16 G 1	19,2	570	154,0	432,0	17
25010	18 G 1	21,5	960	173,0	471,0	17
25011	19 G 1	22,0	-	182,0	565,0	17
25012	20 G 1	22,4	600	192,0	590,0	17
25013	24 G 1	23,6	2890	230,0	650,0	17
25014	30 G 1	24,6	-	290,0	785,0	17
25015	36 G 1	29,0	960	346,0	910,0	17
25016	48 G 1	31,4	1440	461,0	1244,0	17
25017	50 G 1	32,6	-	480,0	1296,0	17
25018	54 G 1	32,9	2500	518,0	1399,0	17
25019	61 G 1	37,2	2290	586,0	1495,0	17
25020	2 x 1,5	8,5	300	29,0	95,0	16
25021	3 G 1,5	9,3	150	43,0	113,0	16
25022	4 G 1,5	10,5	570	58,0	150,0	16
25023	5 G 1,5	12,5	870	72,0	180,0	16
25024	6 G 1,5	14,3	-	86,0	245,0	16
25025	7 G 1,5	14,8	2600	101,0	309,0	16
25026	8 G 1,5	15,8	3460	115,0	333,0	16
25027	9 G 1,5	17,7	3850	130,0	360,0	16
25028	10 G 1,5	18,5	450	144,0	405,0	16
25029	11 G 1,5	20,1	-	158,0	458,0	16
25030	12 G 1,5	21,6	7710	173,0	516,0	16
25031	13 G 1,5	22,1	-	187,0	571,0	16
25032	15 G 1,5	22,8	680	216,0	590,0	16
25033	18 G 1,5	23,6	960	259,0	620,0	16
25034	19 G 1,5	24,1	860	274,0	670,0	16
25035	24 G 1,5	27,0	3850	346,0	817,0	16
25036	37 G 1,5	31,0	-	533,0	1220,0	16
25037	42 G 1,5	33,0	3460	605,0	1380,0	16
25038	48 G 1,5	34,9	-	691,0	1510,0	16
25039	50 G 1,5	36,7	-	720,0	1642,0	16
25040	61 G 1,5	41,8	-	878,0	1950,0	16

Part no.	No. cores x cross-sec. mm²	Outer Ø approx. mm	Tensile strength of susp. strand in N	Cop. weight kg / km	Weight approx. kg / km	AWG-No.
25041	2 x 2,5	10,0	300	48,0	142,0	14
25042	3 G 2,5	10,5	300	72,0	172,0	14
25043	4 G 2,5	11,6	570	96,0	210,0	14
25044	5 G 2,5	12,9	380	120,0	255,0	14
25045	6 G 2,5	14,5	-	144,0	318,0	14
25046	7 G 2,5	16,2	3460	168,0	383,0	14
25075	8 G 2,5	16,8	3850	192,0	450,0	14
25047	9 G 2,5	21,5	680	216,0	541,0	14
25048	11 G 2,5	23,3	-	264,0	638,0	14
25049	12 G 2,5	25,4	6060	288,0	690,0	14
25050	16 G 2,5	24,4	-	383,0	813,0	14
25051	18 G 2,5	26,3	2290	432,0	891,0	14
25052	19 G 2,5	27,5	-	456,0	946,0	14
25053	24 G 2,5	30,5	6060	576,0	1221,0	14
25054	36 G 2,5	33,3	-	864,0	1737,0	14
25055	37 G 2,5	40,8	2500	888,0	1784,0	14
25056	48 G 2,5	41,9	-	1152,0	2500,0	14
25057	50 G 2,5	43,3	-	1200,0	2630,0	14
25058	61 G 2,5	49,3	-	1464,0	8100,0	14
25059	3 G 4	13,6	-	115,0	372,0	12
25060	4 G 4	15,0	1000	154,0	407,0	12
25061	5 G 4	17,1	600	192,0	432,0	12
25062	7 G 4	21,5	-	269,0	495,0	12
25063	3 G 6	13,9	-	173,0	380,0	10
25064	4 G 6	15,2	1000	230,0	445,0	10
25065	5 G 6	19,2	900	288,0	569,0	10
25066	7 G 6	21,1	-	403,0	702,0	10
25067	3 G 10	18,1	-	288,0	530,0	8
25068	4 G 10	20,6	1200	384,0	724,0	8
25069	5 G 10	22,6	1500	480,0	923,0	8
25070	7 G 10	27,4	-	672,0	1288,0	8
25071	3 G 16	21,3	-	461,0	865,0	6
25072	4 G 16	25,2	1920	614,0	1028,0	6
25073	5 G 16	26,5	2400	768,0	1260,0	6

Dimensions and specifications may be changed without prior notice. (RF01)