

NEOPREN Command Cable flexible, colour or number coded



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_0/U 300/500 V
- **Test voltage** 3000 V
- **Minimum bending radius**
for continuous bending without forced guiding operation 12,5x cable \emptyset
for flexing with forced guiding operation 20x cable \emptyset

Cable construction

- 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
- Support organ (hemp or sisal-string etc.), and/or taping with load carrying thread as construction permits
- Cores stranded in layers with optimal lay-length
- Cores either colour coded to DIN VDE 0293-308 or, as of 7 cores, black with white figure imprint
- Green-yellow earth core
- 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 73/23/EEC and 93/68/EEC.

Part No.	No. cores x cross-sec. mm ²	Outer \emptyset ca. mm	Tensile strength of susp. strand in N	Cop. weight kg / km	Weight ca. kg / km	AWG-No.	Part No.	No. cores x cross-sec. mm ²	Outer \emptyset ca. mm	Tensile strength of susp. strand in N	Cop. weight kg / km	Weight ca. kg / km	AWG-No.
25001	2 x 1	7,5	300,0	19,0	90,0	17	25041	2 x 2,5	10,0	300,0	48,0	142,0	14
25002	3 G 1	8,5	150,0	29,0	111,0	17	25042	3 G 2,5	10,5	300,0	72,0	172,0	14
25003	4 G 1	9,7	300,0	38,0	141,0	17	25043	4 G 2,5	11,6	570,0	96,0	210,0	14
25004	5 G 1	11,5	300,0	48,0	170,0	17	25044	5 G 2,5	12,9	380,0	120,0	255,0	14
25005	6 G 1	13,4	-	58,0	187,0	17	25045	6 G 2,5	14,5	-	144,0	318,0	14
25006	7 G 1	13,8	2290,0	67,0	204,0	17	25046	7 G 2,5	16,2	3460,0	168,0	383,0	14
25007	9 G 1	15,8	2890,0	86,0	274,0	17	25075	8 G 2,5	16,8	3850,0	192,0	450,0	14
25008	12 G 1	17,5	6740,0	115,0	389,0	17	25047	9 G 2,5	21,5	680,0	216,0	541,0	14
25009	16 G 1	19,2	570,0	154,0	432,0	17	25048	11 G 2,5	23,3	-	264,0	638,0	14
25010	18 G 1	21,5	960,0	173,0	471,0	17	25049	12 G 2,5	25,4	6060,0	288,0	690,0	14
25011	19 G 1	22,0	-	182,0	565,0	17	25050	16 G 2,5	24,4	-	383,0	813,0	14
25012	20 G 1	22,4	600,0	192,0	590,0	17	25051	18 G 2,5	26,3	2290,0	432,0	891,0	14
25013	24 G 1	23,6	2890,0	230,0	650,0	17	25052	19 G 2,5	27,5	-	456,0	946,0	14
25074	30 G 1	24,6	-	290,0	785,0	17	25053	24 G 2,5	30,5	6060,0	576,0	1221,0	14
25014	36 G 1	29,0	960,0	346,0	910,0	17	25054	36 G 2,5	33,3	-	864,0	1737,0	14
25015	37 G 1	30,5	-	355,0	936,0	17	25055	37 G 2,5	40,8	2500,0	888,0	1784,0	14
25016	48 G 1	31,4	1440,0	461,0	1244,0	17	25056	48 G 2,5	41,9	-	1152,0	2500,0	14
25017	50 G 1	32,6	-	480,0	1296,0	17	25057	50 G 2,5	43,3	-	1200,0	2630,0	14
25018	54 G 1	32,9	2500,0	518,0	1399,0	17	25058	61 G 2,5	49,3	-	1464,0	8100,0	14
25019	61 G 1	37,2	2290,0	586,0	1495,0	17							
25020	2 x 1,5	8,5	300,0	29,0	95,0	16	25059	3 G 4	13,6	-	115,0	372,0	12
25021	3 G 1,5	9,3	150,0	43,0	113,0	16	25060	4 G 4	15,0	1000,0	154,0	407,0	12
25022	4 G 1,5	10,5	570,0	58,0	150,0	16	25061	5 G 4	17,1	600,0	192,0	432,0	12
25023	5 G 1,5	12,5	870,0	72,0	180,0	16	25062	7 G 4	21,5	-	269,0	495,0	12
25024	6 G 1,5	14,3	-	86,0	245,0	16							
25025	7 G 1,5	14,8	2600,0	101,0	309,0	16	25063	3 G 6	13,9	-	173,0	380,0	10
25026	8 G 1,5	15,8	3460,0	115,0	333,0	16	25064	4 G 6	15,2	1000,0	230,0	445,0	10
25027	9 G 1,5	17,7	3850,0	130,0	360,0	16	25065	5 G 6	18,2	900,0	288,0	569,0	10
25028	10 G 1,5	18,5	450,0	144,0	405,0	16	25066	7 G 6	21,1	-	403,0	702,0	10
25029	11 G 1,5	20,1	-	158,0	458,0	16							
25030	12 G 1,5	21,6	7710,0	175,0	516,0	16	25067	3 G 10	18,1	-	288,0	530,0	8
25031	13 G 1,5	22,1	-	187,0	571,0	16	25068	4 G 10	20,6	1200,0	384,0	724,0	8
25032	15 G 1,5	22,8	680,0	216,0	590,0	16	25069	5 G 10	22,6	1500,0	480,0	923,0	8
25033	18 G 1,5	23,6	960,0	259,0	620,0	16	25070	7 G 10	27,4	-	672,0	1288,0	8
25034	19 G 1,5	24,1	860,0	274,0	670,0	16							
25035	24 G 1,5	27,0	3850,0	346,0	817,0	16	25071	3 G 16	21,3	-	461,0	865,0	6
25036	37 G 1,5	31,0	-	533,0	1220,0	16	25072	4 G 16	25,2	1920,0	614,0	1028,0	6
25037	42 G 1,5	33,0	3460,0	605,0	1380,0	16	25073	5 G 16	26,5	2400,0	768,0	1260,0	6
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							

Dimensions and specifications may be changed without prior notice.