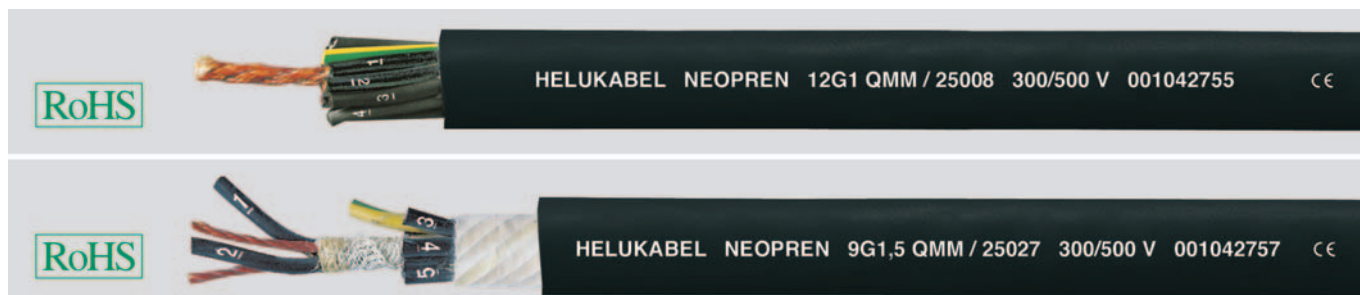


NEOPREN Command Cable flexible, colour or

number coded with support organ

EAC



Technical data

- Special neoprene cable adapted to DIN VDE 0250 with strain bearing support strand
- **Temperature range** flexing -25°C to +60°C fixed installation -40°C to +80°C
- **Nominal voltage** U₀/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-conductor, to DIN VDE 0295 cl.6 col.4, extra fine-wire, BS 6360 cl.6, IEC 60228 cl.6
- Core insulation of rubber
- Core identification to DIN VDE 0293-308 - up to 5 cores coloured - from 6 cores, black with continuous white numbering
- GN-YE conductor, 3 cores and above
- 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
- Outer sheath of neoprene
- Sheath colour black
- The braking strength of the carrying element is depending on the number of cores, the cross section of cores and the construction of cable.

Properties

- Generally oil, flat and alkali resistant

Note

- G = with green-yellow conductor x = without green-yellow conductor
- AWG sizes are approximate equivalent values. The actual cross-section is in mm².
- 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 sheath made of chloroprene is hardly flammable and abrasion resistant.

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

Part no.	No. cores x cross-sec. mm ²	Outer Ø approx. mm	Tensile strength of susp. strand in N	Cop. weight kg / km	Weight approx. kg / km	AWG-No.	Part no.	No. cores x cross-sec. mm ²	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	18	25038	48 G 1,5	34,9	-	691,0	1510,0	16
25002	3 G 1	8,5	150	29,0	111,0	18	25039	50 G 1,5	36,7	-	720,0	1642,0	16
25003	4 G 1	9,7	300	38,0	141,0	18	25040	61 G 1,5	41,8	-	878,0	1950,0	16
25004	5 G 1	11,5	300	48,0	170,0	18	25041	2 x 2,5	10,0	300	48,0	142,0	14
25005	6 G 1	13,4	-	58,0	187,0	18	25042	3 G 2,5	10,5	300	72,0	172,0	14
25006	7 G 1	13,8	2290	67,0	204,0	18	25043	4 G 2,5	11,6	570	96,0	210,0	14
25007	9 G 1	15,8	2890	86,0	274,0	18	25044	5 G 2,5	12,9	380	120,0	255,0	14
25008	12 G 1	17,5	6740	115,0	389,0	18	25045	6 G 2,5	14,5	-	144,0	318,0	14
25009	16 G 1	19,2	570	154,0	432,0	18	25046	7 G 2,5	16,2	3460	168,0	383,0	14
25010	18 G 1	21,5	960	173,0	471,0	18	25075	8 G 2,5	16,8	3850	192,0	450,0	14
25011	19 G 1	22,0	-	182,0	565,0	18	25047	9 G 2,5	21,5	680	216,0	541,0	14
25012	20 G 1	22,4	600	192,0	590,0	18	25048	11 G 2,5	23,3	-	264,0	638,0	14
25013	24 G 1	23,6	2890	230,0	650,0	18	25049	12 G 2,5	25,4	6060	288,0	690,0	14
25074	30 G 1	24,6	-	290,0	785,0	18	25050	16 G 2,5	24,4	-	383,0	813,0	14
25014	36 G 1	29,0	960	346,0	910,0	18	25051	18 G 2,5	26,3	2290	432,0	891,0	14
25015	37 G 1	30,5	-	355,0	936,0	18	25052	19 G 2,5	27,5	-	456,0	946,0	14
25016	48 G 1	31,4	1440	461,0	1244,0	18	25053	24 G 2,5	30,5	6060	576,0	1221,0	14
25017	50 G 1	32,6	-	480,0	1296,0	18	25054	36 G 2,5	33,3	-	864,0	1737,0	14
25018	54 G 1	32,9	2500	518,0	1399,0	18	25055	37 G 2,5	40,8	2500	888,0	1784,0	14
25019	61 G 1	37,2	2290	586,0	1495,0	18	25056	48 G 2,5	41,9	-	1152,0	2500,0	14
25020	2 x 1,5	8,5	300	29,0	95,0	16	25057	50 G 2,5	43,3	-	1200,0	2630,0	14
25021	3 G 1,5	9,3	150	43,0	113,0	16	25058	61 G 2,5	49,3	-	1464,0	8100,0	14
25022	4 G 1,5	10,5	570	58,0	150,0	16	25059	3 G 4	13,6	-	115,0	372,0	12
25023	5 G 1,5	12,5	870	72,0	180,0	16	25060	4 G 4	15,0	1000	154,0	407,0	12
25024	6 G 1,5	14,3	-	86,0	245,0	16	25061	5 G 4	17,1	600	192,0	432,0	12
25025	7 G 1,5	14,8	2600	101,0	309,0	16	25062	7 G 4	21,5	-	269,0	495,0	12
25026	8 G 1,5	15,8	3460	115,0	333,0	16	25063	3 G 6	13,9	-	173,0	380,0	10
25027	9 G 1,5	17,7	3850	130,0	360,0	16	25064	4 G 6	15,2	1000	230,0	445,0	10
25028	10 G 1,5	18,5	450	144,0	405,0	16	25065	5 G 6	19,2	900	288,0	569,0	10
25029	11 G 1,5	20,1	-	158,0	458,0	16	25066	7 G 6	21,1	-	403,0	702,0	10
25030	12 G 1,5	21,6	7710	173,0	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	384,0	724,0	8
25032	15 G 1,5	22,8	680	216,0	590,0	16	25069	5 G 10	22,6	1500	480,0	923,0	8
25033	18 G 1,5	23,6	960	259,0	620,0	16	25070	7 G 10	27,4	-	672,0	1288,0	8
25034	19 G 1,5	24,1	860	274,0	670,0	16	25071	3 G 16	21,3	-	461,0	865,0	6
25035	24 G 1,5	27,0	3850	346,0	817,0	16	25072	4 G 16	25,2	1920	614,0	1028,0	6
25036	37 G 1,5	31,0	-	533,0	1220,0	16	25073	5 G 16	26,5	2400	768,0	1260,0	6
25037	42 G 1,5	33,0	3460	605,0	1380,0	16							

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