

NGFLGÖU

Flat neoprene cables



Cable structure

- Copper core according to DIN VDE 025 and IEC 60228 stranded according to cross-sections
- from 1 to 25 mm² – class 6, sec. 4,
- from 35 to 95 mm² – class 5
- Core insulation of special rubber according to DIN VDE 0207 part 20
- Cores color coding to DIN VDE 0293
- Cores laid concurrently
- Green-yellow earth core
- Special neoprene sheath according to DIN VDE 0207 part 21, color black, resistant to low temperatures
- Extensively resistant to oils

Technical data

- Special neoprene flat cable according to DIN VDE 0250 part 809
- **Temperature range** flexing from -25 °C to +85 °C
fixed from -40 °C to +85 °C
- **Nominal voltage** U_0/U 300/500 V
- **Test voltage a.c.** 3000 V
- **Minimum bending radius** approx. 5× cable diameter
- **Radiation resistance** up to 50 × 10⁶ cJ/kg (up to 50 Mrad)
- Tested according to DIN VDE 0482 part 265-2-1/ EN 50265-2-1/ IEC 60332-1

Application

Due to its low bending radius, high flexibility and minimal need for space, these neoprene flat cables are ideal to use as trailing cables for lifting devices, cranes, transport platforms etc.

Note

CE = the product is conformed with the EC Low-Voltage Directive 73/23/EEC.
Conforms to RoHS.

Further sizes are available upon request.

Part No.	Number of cores x core cross section [mm ²]	Height x width cca [mm]	Cooper weight [kg/km]	Approx. cable weight [kg/km]
0728001	4 × 1,5	5,9 × 16,2	58,0	234
0728002	5 × 1,5	5,9 × 23,7	72,0	304
0728003	7 × 1,5	5,9 × 30,5	101,0	391
0728004	8 × 1,5	5,9 × 34,0	115,0	441
0728005	10 × 1,5	5,9 × 43,5	144,0	460
0728006	12 × 1,5	5,9 × 50,4	173,0	646
0728007	24 × 1,5	12,5 × 56,0	346,0	1290
0728008	4 × 2,5	7,2 × 19,6	96,0	316
0728009	5 × 2,5	7,2 × 27,8	120,0	391
0728010	7 × 2,5	7,2 × 36,1	168,0	533
0728011	8 × 2,5	7,2 × 40,2	192,0	602
0728012	12 × 2,5	7,8 × 59,4	288,0	890
0728015	24 × 2,5	15,6 × 71,0	576,0	1480
0728014	4 × 4	8,8 × 24,2	154,0	506
0728015	5 × 4	8,8 × 33,4	192,0	621
0728016	7 × 4	8,8 × 42,5	269,0	851
0728017	4 × 6	9,6 × 27,4	230,0	661
0728018	5 × 6	9,6 × 37,4	288,0	740

Part No.	Number of cores x core cross section [mm ²]	Height x width cca [mm]	Cooper weight [kg/km]	Approx. cable weight [kg/km]
0728019	7 × 6	9,6 × 47,2	403,0	1004
0728020	4 × 10	10,4 × 30,8	384,0	1027
0728021	5 × 10	10,4 × 41,6	480,0	1171
0728022	4 × 16	11,6 × 35,6	614,0	1430
0728023	5 × 16	11,6 × 48,2	768,0	1590
0728024	4 × 25	14,1 × 45,8	960,0	1890
0728025	5 × 25	14,7 × 58,3	1200,0	2215
0728026	7 × 25	14,7 × 78,7	1680,0	3000
0728027	4 × 35	15,8 × 50,8	1344,0	2460
0728028	5 × 35	16,4 × 64,4	1680,0	2880
0728029	7 × 35	16,4 × 86,4	2352,0	4100
0728030	4 × 50	18,6 × 60,2	1920,0	3385
0728031	4 × 70	21,0 × 68,0	2688,0	4480
0728032	4 × 95	24,1 × 78,6	3648,0	5990