



Technical data

- Drum cable acc. to DIN VDE 0250-814
- **Temperature range**
flexing -25°C to +80°C
fixed installation -40°C to +80°C
- **Nominal voltage**
U₀/U 0.6/1 kV
- Max. permissible **operating voltage**
- 3-Phase and single phase operation 700/1200 V
- DC operation 900/1800 V
- **Test voltage**
2500 V
- **Minimum bending radius**
flexing for outer Ø:
≤ 20 mm: 5x outer Ø
> 20 mm: 6x outer Ø

Cable structure

- Tinned copper conductor, fine wire acc. to DIN VDE 0295 cl.5 / IEC 60228 cl.5
- Core insulation of rubber compound type 3GI3 acc. to DIN VDE 0207-20
- Core identification acc. to DIN VDE 0293-308
≤ 5 cores: coloured
≥ 6 cores: black with continuous white numbering
- GN-YE conductor
- Cores stranded in layers with optimal lay length
- Textile tape
- Inner sheath
- Torsion protection between inner and outer sheath
- Outer sheath of rubber compound type 5GM3 acc. to DIN VDE 0207-21
- Sheath colour: black

Properties

- Designed and developed for horizontal drum-operation
 - **Resistant to ozone**, oils, acids, fats, gasoline, solvents and chemicals
- Tests**
- Flame retardant acc. to DIN VDE 0482-332-1-2 / DIN EN 60332-1-2 / IEC 60332-1-2
 - Oil resistant acc. to DIN VDE 0473-811-404/DIN EN 60811-404

Note

- G = with GN-YE conductor
- Permissible running speed up to max. 120 m/min
- During the installation and operation the tensile stress on conductor may not increase 15 N/mm²
- Acceleration not more than 0,4 m/s²
- In case of high mechanical stress, especially of high dynamic tensile stress result high acceleration, the permissible stress must be defined in each case
- The conductor is metrically constructed (mm²). The AWG designation is approximate and purely informative.

Application

Trailing cables are used for high mechanical stress, especially for applications with frequent winding and unwinding with simultaneous tensile and torsional stress, for building machinery, conveyors, shifts and cranes. They are used as robust and all weather resistant cables of roughest operations in mining and in flexible handling equipment and railway motors. The cables are suitable for outdoor installation in dry, damp and wet places as well in open air. For applications which go beyond standard solutions we recommend that you fill out our especially developed questionnaire for reeling cables. Please read the installation instructions, see chapter "Technical Information".

CE = Product conforms with Low-Voltage Directive 2014/35/EU.

Part no.	No. cores x cross-sec. mm ²	Outer Ø min. - max. mm	Cop. weight kg / km	Weight app. kg / km	AWG-No.
26001	3 G 1,5	11,3 - 14,8	43,0	236,0	16
26029	4 G 1,5	12,1 - 15,6	58,0	274,0	16
26002	5 G 1,5	13,0 - 16,5	72,0	316,0	16
26003	7 G 1,5	15,0 - 19,0	101,0	440,0	16
26004	12 G 1,5	19,1 - 21,9	173,0	606,0	16
26005	16 G 1,5	20,9 - 23,1	230,0	696,0	16
26006	18 G 1,5	21,7 - 25,0	260,0	750,0	16
26007	24 G 1,5	24,6 - 28,6	346,0	1150,0	16
26008	30 G 1,5	25,8 - 29,6	432,0	1325,0	16
26009	3 G 2,5	12,7 - 16,3	72,0	305,0	14
26010	4 G 2,5	14,8 - 17,7	96,0	350,0	14
26011	5 G 2,5	15,9 - 18,8	120,0	465,0	14
26012	7 G 2,5	16,8 - 21,1	168,0	576,0	14
26013	12 G 2,5	21,0 - 25,1	288,0	850,0	14
26014	18 G 2,5	24,9 - 28,7	432,0	1181,0	14
26015	24 G 2,5	29,2 - 33,2	576,0	1550,0	14
26016	30 G 2,5	30,7 - 34,4	720,0	1810,0	14
26017	40 G 2,5	35,6 - 39,4	960,0	3110,0	14
26018	50 G 2,5	43,9 - 45,6	1200,0	3200,0	14

Part no.	No. cores x cross-sec. mm ²	Outer Ø min. - max. mm	Cop. weight kg / km	Weight app. kg / km	AWG-No.
26019	4 G 4	16,4 - 19,2	154,0	510,0	12
26030	5 G 4	17,7 - 20,4	192,0	635,0	12
26020	4 G 6	17,6 - 20,6	230,0	650,0	10
26031	5 G 6	19,8 - 23,2	288,0	800,0	10
26021	4 G 10	21,8 - 24,9	384,0	1010,0	8
26022	5 G 10	24,4 - 26,7	480,0	1200,0	8
26023	4 G 16	25,1 - 29,1	614,0	1300,0	6
26032	5 G 16	27,1 - 31,4	768,0	1700,0	6
26024	4 G 25	31,6 - 35,5	960,0	2000,0	4
26025	4 G 35	33,7 - 38,3	1344,0	2610,0	2
26026	4 G 50	39,4 - 43,6	1920,0	3500,0	1
26027	4 G 70	43,8 - 48,7	2688,0	4600,0	2/0
26028	4 G 95	50,1 - 57,3	3648,0	6100,0	3/0
72328	4 G 120	55,7 - 62,0	4860,0	7200,0	4/0

Dimensions and specifications may be changed without prior notice. (RG01)