



Technical data

- Special PVC based core insulation
- As per to the french motor industry standard for tool machines 04-24-22
- **Temperature range**
flexing -5 °C to +80 °C
fixed installation -30 °C to +80 °C
- **Nominal voltage** 500 V
- **Test voltage** 2000 V
- **Insulation resistance**
min. 20 MOhm x km
- **Radiation resistance**
up to 80x10⁶ cJ/kg (80 Mrad)
- **Minimum bending radius**
15x cable ø

Cable structure

- Plain copper conductors
- Special core insulation
- Cores laid up
- Cores available in either red or black with white figure imprint
- Green-yellow earth core
- PVC outer jacket grey

Properties

- PVC self-extinguishing and flame retardant, text method B and IEC 60332-1
- The materials used in manufacture are cadmium-free and contain no silicone and free from substances harmful to the wetting properties of lacquers
- **Resistant to**
Oil
Petrol
Cutting oil according to C.N.O.M.O. recommendation E 03.40.150N

Note

- G = with green-yellow earth core;
x = without green-yellow earth core (0Z).
- AWG sizes are approximate equivalent values. The actual cross-section is in mm².
- Further types and sizes available on request.

Application

These cables are constructed specially for the french automobile industries and used for the installation in tool making machines, production lines, industrial plants, air conditioning as well as for use in steel production. These cables are used for flexible use for medium mechanical stresses with free movement without tensile stress or forced movements in dry, moist and wet rooms but not suitable for open air.

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

Part no.	No. cores x cross-sec. mm ²	Outer Ø approx. mm	Cop. weight kg / km	Weight approx. kg / km	AWG-No.
60000	2 x 0,75	6,2	14,4	50,0	18
60001	3 G 0,75	6,6	21,6	59,0	18
60002	4 G 0,75	7,2	29,0	72,0	18
60003	5 G 0,75	8,0	36,0	87,0	18
60004	6 G 0,75	8,9	50,0	105,0	18
60005	12 G 0,75	11,6	86,0	175,0	18
60006	18 G 0,75	13,9	144,0	267,0	18
60007	27 G 0,75	17,2	230,0	404,0	18
60008	36 G 0,75	19,7	288,0	503,0	18
60009	48 G 0,75	22,8	360,0	670,0	18
60010	60 G 0,75	24,9	439,0	805,0	18
60011	2 x 1	6,5	19,0	56,0	17
60012	3 G 1	6,9	29,0	72,0	17
60013	4 G 1	7,7	38,0	84,0	17
60014	5 G 1	8,5	48,0	104,0	17
60015	6 G 1	9,2	67,0	124,0	17
60016	12 G 1	12,4	115,0	219,0	17
60017	18 G 1	15,2	192,0	314,0	17
60018	27 G 1	18,7	308,0	485,0	17
60019	36 G 1	21,1	384,0	620,0	17
60020	48 G 1	24,3	480,0	809,0	17
60021	60 G 1	26,4	586,0	1000,0	17
60022	2 x 1,5	7,5	29,0	76,0	16
60023	3 G 1,5	8,1	43,0	94,0	16
60024	4 G 1,5	9,1	58,0	116,0	16
60025	5 G 1,5	10,1	72,0	143,0	16
60026	6 G 1,5	11,0	101,0	173,0	16
60027	12 G 1,5	15,1	173,0	307,0	16
60028	18 G 1,5	17,9	263,0	464,0	16
60029	24 G 1,5	21,0	341,0	629,0	16
60030	27 G 1,5	21,8	372,0	708,0	16
60031	36 G 1,5	24,5	498,0	985,0	16
60032	48 G 1,5	28,4	641,0	1175,0	16
60033	60 G 1,5	31,3	878,0	1415,0	16

Part no.	No. cores x cross-sec. mm ²	Outer Ø approx. mm	Cop. weight kg / km	Weight approx. kg / km	AWG-No.
60034	2 x 2,5	10,5	48,0	122,0	14
60035	3 G 2,5	11,0	72,0	151,0	14
60036	4 G 2,5	12,0	96,0	191,0	14
60037	5 G 2,5	13,1	120,0	244,0	14
60038	6 G 2,5	15,0	168,0	292,0	14
60039	12 G 2,5	18,0	288,0	524,0	14
60040	2 x 4	10,4	77,0	178,0	12
60041	3 G 4	11,3	115,0	230,0	12
60042	4 G 4	12,8	154,0	300,0	12
60043	5 G 4	14,2	192,0	362,0	12
60044	2 x 6	11,6	115,0	218,0	10
60045	3 G 6	12,7	173,0	325,0	10
60046	4 G 6	14,2	230,0	481,0	10
60047	5 G 6	15,7	288,0	584,0	10
60048	2 x 10	15,0	194,0	505,0	8
60049	3 G 10	16,6	288,0	610,0	8
60050	4 G 10	18,4	384,0	736,0	8
60051	5 G 10	20,9	480,0	913,0	8

Dimensions and specifications may be changed without prior notice. (RN01)