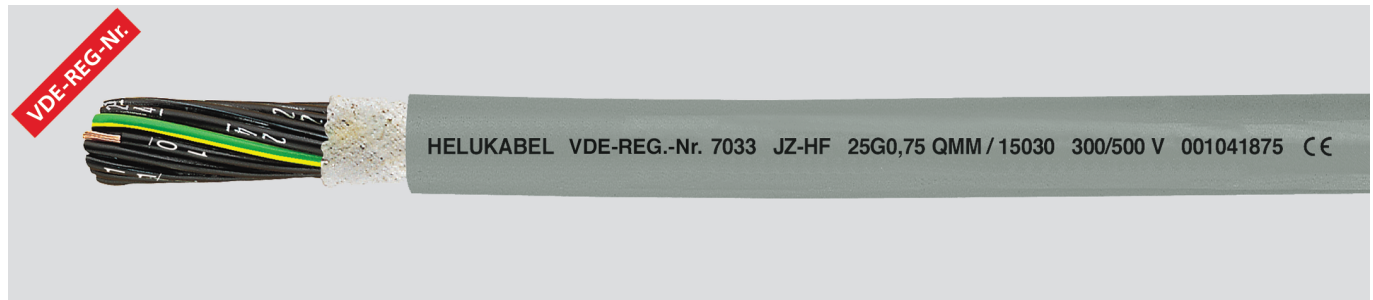


JZ-HF

Drag chain cables, high flexible, number coded, oil resistant, meter marking



Technical data

- PVC cable adapted to
DIN VDE 0285-525-2-51 /
DIN EN 50525-2-51
- Temperature range**
flexing -10°C to +80°C
fixed installation -40°C to +80°C
- Nominal voltage**
U₀/U 300/500 V
- Test voltage**
4000 V
- Breakdown voltage**
min. 8000 V
- Minimum bending radius**
flexing 7,5x outer Ø
fixed installation 4x outer Ø

Cable structure

- Bare copper conductor,
extra fine wire acc. to
DIN VDE 0295 cl.6, col. 4 / IEC 60228 cl.6
- Core insulation of special PVC
compound type Z 7225
- Core identification to DIN VDE 0293
black cores with continuous white
numbering
- GN-YE conductor, 3 cores and above
in the outer layer
- Cores stranded in layers with
optimal selected lay length
- Fleece wrapping over each layer
- Outer sheath of special PVC
compound type TM5 acc. to
DIN VDE 0207-363-4-1/DIN EN 50363-4-1
- Sheath colour: grey (RAL 7001)
- With meter marking

Properties

- The materials used during manufacturing
are cadmium-free, contain no silicone
and are free from substances harmful
to the wetting properties of lacquers

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
x = without GN-YE conductor (OZ)
- Cleanroom qualification tested with analog
type. Please note "cleanroom qualified"
when ordering.
- The conductor is metrically constructed
(mm²). The AWG designation is
approximate and purely informative.
- Screened analogue type:

JZ-HF-CY

- With UL-approval
MULTISPEED® 500-PVC UL/CSA

Application

JZ-HF cables are ideal for use in the machine tool industry, in robotics and machine production and anywhere where high flexibility is essential. The cables are suitable for installation in dry and moist environments but not in open air. These cables have shown excellent performance in combination with standard cable trays. These cables are suitable for flexible use for medium mechanical stresses with free movements. For applications which go beyond standard solutions (for example for composting appliances or high shelf conveyors with extremely high processing speeds etc.) we recommend for our especially developed enquiry sheet for energy guiding systems. For use in drag chains, please observe the assembly instructions. Further technical details see selection table for drag chain cables, 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 app. mm	Cop. weight kg / km	Weight app. kg / km	AWG-No.
15001	2 x 0,5	5,0	9,6	38,0	20
15002	3 G 0,5	5,3	14,0	44,0	20
15003	4 G 0,5	5,7	19,0	52,0	20
15004	5 G 0,5	6,4	24,0	67,0	20
15005	7 G 0,5	7,6	34,0	91,0	20
15090	7 x 0,5	7,6	34,0	91,0	20
15006	10 G 0,5	9,3	48,0	128,0	20
15007	12 G 0,5	9,3	58,0	137,0	20
15008	14 G 0,5	9,8	67,0	158,0	20
15009	16 G 0,5	10,3	77,0	182,0	20
15010	18 G 0,5	11,2	86,0	207,0	20
15011	20 G 0,5	11,6	96,0	226,0	20
15012	25 G 0,5	13,6	120,0	292,0	20
15013	30 G 0,5	13,7	144,0	330,0	20
15014	34 G 0,5	15,0	163,0	387,0	20
15015	36 G 0,5	15,0	173,0	399,0	20
15016	42 G 0,5	16,3	202,0	449,0	20
15017	50 G 0,5	17,8	240,0	573,0	20
15018	61 G 0,5	19,3	290,0	682,0	20
15019	2 x 0,75	5,5	14,0	44,0	19

Part no.	No. cores x cross-sec. mm ²	Outer Ø app. mm	Cop. weight kg / km	Weight app. kg / km	AWG-No.
15020	3 G 0,75	5,7	22,0	53,0	19
15021	4 G 0,75	6,4	29,0	67,0	19
15022	5 G 0,75	7,0	36,0	81,0	19
15023	7 G 0,75	8,4	50,0	111,0	19
15024	10 G 0,75	10,3	72,0	159,0	19
15025	12 G 0,75	10,3	86,0	174,0	19
14070	12 x 0,75	10,3	86,0	174,0	19
15026	14 G 0,75	10,9	101,0	201,0	19
13944	14 x 0,75	10,9	101,0	201,0	19
15027	16 G 0,75	11,5	115,0	225,0	19
15028	18 G 0,75	12,2	130,0	249,0	19
15029	20 G 0,75	12,9	144,0	282,0	19
15030	25 G 0,75	14,5	180,0	375,0	19
15031	30 G 0,75	15,2	216,0	411,0	19
15032	34 G 0,75	16,6	245,0	473,0	19
15033	36 G 0,75	16,6	259,0	509,0	19
15034	42 G 0,75	18,3	302,0	602,0	19
15035	50 G 0,75	20,0	360,0	706,0	19
15036	61 G 0,75	21,3	432,0	886,0	19
15091	65 G 0,75	22,0	439,0	899,0	19

Continuation ►

JZ-HF

Drag chain cables, high flexible, number coded, oil resistant, meter marking



Part no.	No. cores x cross-sec. mm²	Outer Ø app. mm	Cop. weight kg / km	Weight app. kg / km	AWG-No.
15037	2 x 1	5,7	19,0	62,0	18
15038	3 G 1	6,0	29,0	64,0	18
15039	4 G 1	6,8	38,0	80,0	18
15040	5 G 1	7,5	48,0	97,0	18
15041	7 G 1	8,9	67,0	132,0	18
15042	10 G 1	10,9	96,0	187,0	18
15043	12 G 1	10,9	115,0	206,0	18
15044	14 G 1	11,6	134,0	239,0	18
15045	16 G 1	12,3	154,0	274,0	18
15046	18 G 1	13,0	173,0	307,0	18
15047	20 G 1	13,7	192,0	336,0	18
15048	25 G 1	15,6	240,0	443,0	18
15049	30 G 1	16,4	288,0	558,0	18
15050	34 G 1	17,8	326,0	601,0	18
15051	36 G 1	17,8	346,0	623,0	18
15052	41 G 1	19,4	403,0	710,0	18
15214	42 G 1	19,4	403,0	730,0	18
15053	50 G 1	21,1	480,0	868,0	18
15092	61 G 1	22,8	586,0	1044,0	18
15054	65 G 1	23,6	624,0	1195,0	18
15055	2 x 1,5	6,5	29,0	69,0	16
15056	3 G 1,5	6,9	43,0	84,0	16
15057	4 G 1,5	7,5	58,0	103,0	16
15058	5 G 1,5	8,4	72,0	129,0	16
15059	7 G 1,5	10,1	101,0	177,0	16
11017475	8 G 1,5	11,1	115,0	206,0	16
15060	10 G 1,5	11,9	144,0	248,0	16
15061	12 G 1,5	12,3	173,0	283,0	16
15062	14 G 1,5	13,1	202,0	327,0	16
15063	16 G 1,5	14,0	230,0	372,0	16
15064	18 G 1,5	14,7	259,0	418,0	16
15065	20 G 1,5	15,7	288,0	469,0	16
15066	25 G 1,5	17,5	360,0	631,0	16
15067	30 G 1,5	18,7	432,0	701,0	16

Part no.	No. cores x cross-sec. mm²	Outer Ø app. mm	Cop. weight kg / km	Weight app. kg / km	AWG-No.
15068	34 G 1,5	20,3	490,0	800,0	16
15069	36 G 1,5	20,3	518,0	831,0	16
15070	42 G 1,5	22,1	605,0	987,0	16
15071	50 G 1,5	24,0	720,0	1241,0	16
15072	60 G 1,5	25,4	864,0	1431,0	16
15215	61 G 1,5	25,9	878,0	1495,0	16
15216	65 G 1,5	26,8	936,0	1566,0	16
15073	2 x 2,5	8,1	48,0	102,2	14
15074	3 G 2,5	8,6	72,0	129,0	14
15075	4 G 2,5	9,6	96,0	160,0	14
15076	5 G 2,5	10,5	120,0	201,0	14
15077	7 G 2,5	12,9	168,0	278,0	14
15078	10 G 2,5	15,3	240,0	398,0	14
15079	12 G 2,5	15,3	288,0	444,0	14
15080	14 G 2,5	16,8	336,0	512,0	14
15081	16 G 2,5	17,7	384,0	615,0	14
15082	18 G 2,5	18,8	432,0	678,0	14
15083	20 G 2,5	20,0	480,0	752,0	14
15084	25 G 2,5	22,5	600,0	1060,0	14
15085	30 G 2,5	24,0	720,0	1197,0	14
15086	34 G 2,5	26,0	816,0	1337,0	14
15087	36 G 2,5	26,0	864,0	1384,0	14
15088	42 G 2,5	28,5	1008,0	1599,0	14
15089	50 G 2,5	30,6	1200,0	1854,0	14
15142	3 G 4	10,5	115,0	213,0	12
15143	4 G 4	11,5	154,0	265,0	12
15144	5 G 4	12,8	192,0	328,0	12
15145	4 G 6	13,3	230,0	382,0	10
15146	5 G 6	14,6	288,0	461,0	10
15147	4 G 10	17,8	384,0	652,0	8
15148	5 G 10	19,7	480,0	790,0	8
15149	4 G 16	20,8	614,0	1007,0	6
15150	5 G 16	23,3	768,0	1304,0	6

Dimensions and specifications may be changed without prior notice. (RC01)