

JZ-600 HMH

flexible, halogen-free, oil resistant¹⁾, 0,6/1 kV, meter marking



HELUKABEL JZ-600 HMH 25G 1,5 QMM / 12770 0,6/1kV halogen-free 001047001 C€

Technical data

- Halogen-free, flexible cable, adapted to DIN VDE 0285-525-2-51 / DIN EN 50525-2-51 and DIN VDE 0285-525-3-11 / DIN EN 50525-3-11
- **Temperature range**
flexing -15°C to +70°C
fixed installation -40°C to +70°C
- **Nominal voltage**
U₀/U 0,6/1 kV
- **Test voltage**
4000 V
- **Minimum bending radius**
flexing 15x outer Ø
fixed installation 7,5x outer Ø

Cable structure

- Bare copper conductor, fine wire acc. to DIN VDE 0295 cl.5 / IEC 60228 cl.5
- Core insulation of halogen-free polymer compound type Tl6 acc. to DIN VDE 0207-363-7 / DIN EN 50363-7
- 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 lay length
- Outer sheath of halogen-free polymer compound type TM7 acc. to DIN VDE 0207-363-8 / DIN EN 50363-8
- Sheath colour: black (RAL 9005)
- With meter marking
- **LS0H** = Low Smoke Zero Halogen

Properties

- ¹⁾ We recommend you for critical applications a consultation
- 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 test acc. to DIN VDE 0482-332-3-24 / DIN EN 60332-3-24 / IEC 60332-3-24
- Flame retardant acc. to DIN VDE 0482-332-1-2 / DIN EN 60332-1-2 / IEC 60332-1-2
- Corrosiveness of combustion gases acc. to DIN VDE 0482-754-2 / DIN EN 60754-2 / IEC 60754-2
- Halogen-free acc. to DIN VDE 0482-754-1 / DIN EN 60754-1 / IEC 60754-1
- Smoke density acc. to DIN VDE 0482-1034-1+2 / DIN EN 61034-1+2 / IEC 61034-1+2

Note

- G = with GN-YE conductor
x = without GN-YE conductor (OZ)
- The conductor is metrically constructed (mm²). The AWG designation is approximate and purely informative.
- Screened analogue type:
JZ-600 HMH-C

Application

Connecting and control cable in machine tools, conveyor belts, production lines as well as in plant installations, in heating and air-conditioning systems and steel production works. For fixed installation or flexible application, directed without forcing by casual, constantly recurring free movements and without tensile stress, for medium mechanical strain. This cable is suitable for the application in dry, damp and wet environments, outdoors (fixed installation) and for laying on plaster.

C€ = 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.
12723	2 x 0,5	6,2	9,6	57,0	20
12724	3 G 0,5	6,5	14,4	69,0	20
12725	3 x 0,5	6,5	14,4	69,0	20
12726	4 G 0,5	7,1	19,0	104,0	20
12727	4 x 0,5	7,1	19,0	104,0	20
12728	5 G 0,5	7,9	24,0	121,0	20
12729	5 x 0,5	7,9	24,0	121,0	20
12730	7 G 0,5	8,5	33,6	145,0	20
12731	10 G 0,5	11,0	48,0	186,0	20
12732	12 G 0,5	11,3	58,0	224,0	20
12733	18 G 0,5	13,5	86,0	292,0	20
12734	25 G 0,5	15,8	120,0	357,0	20

Part no.	No. cores x cross-sec. mm ²	Outer Ø app. mm	Cop. weight kg / km	Weight app. kg / km	AWG-No.
12735	2 x 0,75	6,7	14,4	68,0	19
12736	3 G 0,75	7,1	21,6	77,0	19
12737	3 x 0,75	7,1	21,6	77,0	19
12738	4 G 0,75	7,7	29,0	136,0	19
12739	4 x 0,75	7,7	29,0	136,0	19
12740	5 G 0,75	8,5	36,0	152,0	19
12741	5 x 0,75	8,5	36,0	152,0	19
12742	7 G 0,75	9,5	50,0	208,0	19
12743	10 G 0,75	12,2	72,0	250,0	19
12744	12 G 0,75	12,6	86,0	271,0	19
12745	18 G 0,75	14,8	130,0	387,0	19
12746	25 G 0,75	17,5	180,0	498,0	19

Continuation ►

JZ-600 HMM

flexible, halogen-free, oil resistant¹⁾, 0,6/1 kV, meter marking



Part no.	No. cores x cross-sec. mm²	Outer Ø app. mm	Cop. weight kg / km	Weight app. kg / km	AWG-No.
12747	2 x 1	7,0	19,2	82,0	18
12748	3 G 1	7,4	29,0	99,0	18
12749	3 x 1	7,4	29,0	99,0	18
12750	4 G 1	8,3	38,4	140,0	18
12751	4 x 1	8,3	38,4	140,0	18
12752	5 G 1	9,2	48,0	160,0	18
12753	5 x 1	9,2	48,0	160,0	18
12754	7 G 1	9,9	67,0	217,0	18
12755	10 G 1	12,8	96,0	271,0	18
12756	12 G 1	13,2	115,0	301,0	18
12757	18 G 1	15,7	173,0	417,0	18
12758	25 G 1	18,6	240,0	576,0	18
12759	2 x 1,5	8,2	29,0	97,0	16
12760	3 G 1,5	8,7	43,0	119,0	16
12761	3 x 1,5	8,7	43,0	119,0	16
12762	4 G 1,5	9,7	58,0	148,0	16
12763	4 x 1,5	9,7	58,0	148,0	16
12764	5 G 1,5	10,7	72,0	172,0	16
12765	5 x 1,5	10,7	72,0	172,0	16
12766	7 G 1,5	11,6	101,0	243,0	16
12767	10 G 1,5	15,2	144,0	311,0	16
12768	12 G 1,5	15,7	173,0	392,0	16
12769	18 G 1,5	18,6	259,0	529,0	16
12770	25 G 1,5	22,2	360,0	741,0	16
11007186	34 G 1,5	25,6	490,0	1126,0	16
11007187	37 G 1,5	25,6	533,0	1157,0	16
12771	2 x 2,5	9,6	48,0	160,0	14
12772	3 G 2,5	10,2	72,0	177,0	14
12773	3 x 2,5	10,2	72,0	177,0	14
12774	4 G 2,5	11,3	96,0	209,0	14
12775	4 x 2,5	11,3	96,0	209,0	14

Part no.	No. cores x cross-sec. mm²	Outer Ø app. mm	Cop. weight kg / km	Weight app. kg / km	AWG-No.
12776	5 G 2,5	12,5	120,0	272,0	14
12777	5 x 2,5	12,5	120,0	272,0	14
12778	7 G 2,5	13,8	168,0	340,0	14
12779	10 G 2,5	17,8	240,0	561,0	14
12780	12 G 2,5	18,6	288,0	799,0	14
12781	18 G 2,5	22,0	432,0	940,0	14
12782	25 G 2,5	26,2	600,0	1121,0	14
12783	3 G 4	11,7	115,0	255,0	12
12784	4 G 4	13,0	154,0	319,0	12
12785	5 G 4	14,3	192,0	423,0	12
12786	3 G 6	13,2	173,0	380,0	10
12787	4 G 6	14,6	230,0	441,0	10
12788	5 G 6	16,2	288,0	657,0	10
12789	3 G 10	16,8	288,0	668,0	8
12790	4 G 10	18,6	384,0	796,0	8
12791	5 G 10	20,5	480,0	972,0	8
12792	3 G 16	20,2	461,0	832,0	6
12793	4 G 16	22,6	614,0	1122,0	6
12794	5 G 16	25,0	768,0	1604,0	6
12795	3 G 25	24,8	720,0	1457,0	4
12796	4 G 25	27,6	960,0	1611,0	4
12797	5 G 25	30,5	1200,0	2070,0	4
12798	3 G 35	27,4	1008,0	1914,0	2
12799	4 G 35	30,4	1344,0	2424,0	2
12800	5 G 35	33,6	1680,0	2970,0	2
12801	4 G 50	35,8	1920,0	3467,0	1
11018081	5 G 50	39,9	2400,0	3550,0	1
12802	4 G 70	40,7	2688,0	4491,0	2/0
12803	4 G 95	46,6	3648,0	6170,0	3/0
12804	4 G 120	51,4	4608,0	7618,0	4/0

Dimensions and specifications may be changed without prior notice. (RA03)