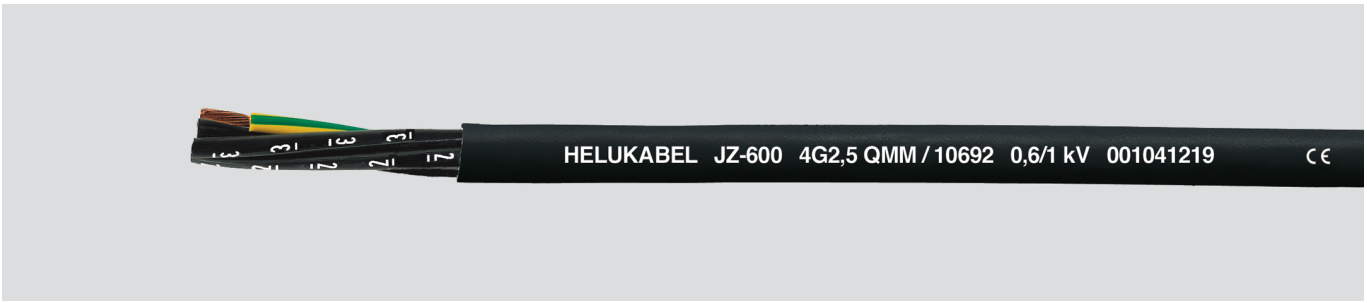
JZ-600

0,6/1 kV, flexible, number coded, meter marking



Technical data

- PVC cable
  adapted to DIN VDE 0262
  and DIN VDE 0285-525-2-51 /
  DIN EN 50525-2-51,
  with insulation wall thickness for 1 kV
- **Temperature range**
  flexing -15°C to +80°C
  fixed installation -40°C to +80°C
- **Nominal voltage**
  U_0/U 0,6/1 kV
- **Test voltage**
  4000 V
- **Breakdown voltage**
  min. 8000 V
- **Minimum bending radius**
  flexing 7,5x cable Ø
  fixed installation 4x cable Ø

Cable structure

- Bare copper conductor, fine wire
  acc. to DIN VDE 0295 cl.5 /
  IEC 60228 cl.5
- Core insulation of special PVC
  compound type TI2 to
  DIN VDE 0207-363-3 / DIN EN 50363-3
- 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 special PVC
  compound type TM2 to
  DIN VDE 0207-363-4-1/DIN EN 50363-4-1
- Sheath colour: black (RAL 9005)
- With meter marking

Properties

- Extensively oil resistant,
  oil-/chemical resistance
  see "Technical Information"
- UV resistant
- 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

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-Y-CY

Application

Connecting and control cable in tool machinery, conveyor belts and production lines, for plant installations, air conditioning and in steel production plants and rolling mills. Suitable for installation for flexible use for medium mechanical stresses with free movement without tensile stress or forced movements in dry, moist and wet rooms as well as outside (fixed installation). Is not suitable to be used as direct burial (suitable from an outer diameter of 18,0 mm for direct burial) or as underwater cable. The black, special PVC outer sheath is resistant to the ultra violet radiation. Mainly used in South-European, Eastern and Arabian countries.

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

Part no.	No.cores x cross-sec. mm²	Outer Ø app. mm	Cop. weight kg / km	Weight app.kg / km	AWG-No.
10550	2 x 0,5	6,2	9,6	56,0	20
10551	3 G 0,5	6,5	14,0	68,0	20
10552	3 x 0,5	6,5	14,0	68,0	20
10553	4 G 0,5	7,0	19,0	100,0	20
10554	4 x 0,5	7,0	19,0	100,0	20
10555	5 G 0,5	7,9	24,0	117,0	20
10556	5 x 0,5	7,9	24,0	117,0	20
10557	6 G 0,5	8,5	29,0	126,0	20
10558	7 G 0,5	8,5	34,0	138,0	20
10559	7 x 0,5	8,5	34,0	138,0	20
10560	8 G 0,5	9,4	38,0	150,0	20
10561	8 x 0,5	9,4	38,0	150,0	20
10562	10 G 0,5	11,0	48,0	176,0	20
10563	12 G 0,5	11,3	58,0	200,0	20
10564	12 x 0,5	11,3	58,0	200,0	20
10565	14 G 0,5	11,9	67,0	230,0	20

Part no.	No.cores x cross-sec. mm²	Outer Ø app. mm	Cop. weight kg / km	Weight app.kg / km	AWG-No.
10566	16 G 0,5	12,7	76,0	250,0	20
10567	18 G 0,5	13,3	86,0	276,0	20
10568	20 G 0,5	14,2	96,0	293,0	20
10569	21 G 0,5	14,2	96,0	305,0	20
10570	25 G 0,5	15,8	120,0	335,0	20
10571	30 G 0,5	16,9	144,0	348,0	20
10572	32 G 0,5	18,7	154,0	355,0	20
10573	34 G 0,5	19,3	163,0	520,0	20
10574	40 G 0,5	20,0	192,0	590,0	20
10575	42 G 0,5	20,6	202,0	595,0	20
10576	50 G 0,5	22,3	240,0	715,0	20
10577	52 G 0,5	22,3	252,0	740,0	20
10578	61 G 0,5	23,5	293,0	840,0	20
10579	65 G 0,5	24,2	312,0	880,0	20
10580	80 G 0,5	26,7	384,0	960,0	20
10581	100 G 0,5	29,7	480,0	1050,0	20

Continuation ▸

JZ-600

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Part no.	No.cores x cross-sec. mm²	Outer Ø app. mm	Cop. weight kg / km	Weight app. kg / km	AWG-No.
10582	2 x 0,75	6,7	14,0	66,0	19
10583	3 G 0,75	7,1	22,0	74,0	19
10584	3 x 0,75	7,1	22,0	74,0	19
10585	4 G 0,75	7,7	29,0	126,0	19
10586	4 x 0,75	7,7	29,0	126,0	19
10587	5 G 0,75	8,5	36,0	140,0	19
10588	5 x 0,75	8,5	36,0	140,0	19
10589	6 G 0,75	9,5	43,0	170,0	19
10590	6 x 0,75	9,5	43,0	170,0	19
10591	7 G 0,75	9,5	50,0	190,0	19
10592	7 x 0,75	9,5	50,0	190,0	19
10593	8 G 0,75	10,2	58,0	212,0	19
10594	8 x 0,75	10,2	58,0	212,0	19
10595	9 G 0,75	11,1	65,0	227,0	19
10596	10 G 0,75	12,2	72,0	238,0	19
10597	12 G 0,75	12,6	86,0	257,0	19
10598	12 x 0,75	12,6	86,0	257,0	19
10599	14 G 0,75	13,2	101,0	286,0	19
10600	15 G 0,75	14,0	108,0	319,0	19
10601	18 G 0,75	14,8	130,0	362,0	19
10602	20 G 0,75	15,7	144,0	394,0	19
10603	21 G 0,75	15,7	151,0	422,0	19
10604	25 G 0,75	17,5	180,0	486,0	19
10605	32 G 0,75	20,3	230,0	595,0	19
10606	34 G 0,75	21,1	245,0	638,0	19
10607	37 G 0,75	21,1	260,0	696,0	19
10608	40 G 0,75	21,8	288,0	726,0	19
10609	41 G 0,75	22,5	296,0	750,0	19
10610	42 G 0,75	22,5	302,0	770,0	19
10611	50 G 0,75	24,4	360,0	895,0	19
10612	61 G 0,75	25,8	439,0	1070,0	19
10613	65 G 0,75	26,7	468,0	1110,0	19
10614	80 G 0,75	29,7	576,0	1500,0	19
10615	100 G 0,75	33,0	720,0	1889,0	19
10616	2 x 1	7,0	19,2	80,0	18
10617	3 G 1	7,4	29,0	96,0	18
10618	3 x 1	7,4	29,0	96,0	18
10619	4 G 1	8,2	38,0	100,0	18
10620	4 x 1	8,2	38,0	100,0	18
10621	5 G 1	9,0	48,0	130,0	18
10622	5 x 1	9,0	48,0	130,0	18
10623	6 G 1	9,9	58,0	150,0	18
10624	7 G 1	9,9	67,0	170,0	18
10625	7 x 1	9,9	67,0	170,0	18
10626	8 G 1	10,9	77,0	230,0	18
10627	9 G 1	11,7	86,0	250,0	18
10628	10 G 1	12,8	96,0	270,0	18
10629	10 x 1	12,8	96,0	270,0	18
10630	12 G 1	13,2	115,0	290,0	18
10631	12 x 1	13,2	115,0	290,0	18
10632	14 G 1	14,0	134,0	320,0	18
10633	16 G 1	14,8	154,0	360,0	18
10634	18 G 1	15,7	173,0	405,0	18
10635	18 x 1	15,7	173,0	405,0	18
10637	20 x 1	16,7	192,0	480,0	18
10636	20 G 1	16,7	192,0	450,0	18
10638	21 G 1	16,7	205,0	510,0	18
10639	24 G 1	19,6	236,0	550,0	18
10640	25 G 1	19,6	240,0	570,0	18
10641	25 x 1	19,6	240,0	570,0	18
10642	26 G 1	19,6	252,0	590,0	18
10643	30 x 1	20,6	308,0	650,0	18
10644	34 G 1	22,1	326,0	750,0	18
10645	36 G 1	22,1	346,0	790,0	18
10646	40 G 1	22,9	384,0	850,0	18
10647	40 x 1	22,9	384,0	850,0	18
10648	41 G 1	23,7	394,0	890,0	18
10649	42 G 1	23,7	403,0	900,0	18
10650	50 G 1	25,6	480,0	1100,0	18
10651	56 G 1	26,4	538,0	1190,0	18
10652	61 G 1	27,3	586,0	1266,0	18
10653	65 G 1	28,3	628,0	1560,0	18
10654	80 G 1	31,5	786,0	1810,0	18
10655	100 G 1	35,0	960,0	1950,0	18
10656	2 x 1,5	8,2	29,0	95,0	16
10657	3 G 1,5	8,7	43,0	112,0	16
10658	3 x 1,5	8,7	43,0	112,0	16
10659	4 G 1,5	9,7	58,0	139,0	16
10660	4 x 1,5	9,7	58,0	139,0	16
10661	5 G 1,5	10,5	72,0	170,0	16
10662	5 x 1,5	10,5	72,0	170,0	16
10663	6 G 1,5	11,6	86,0	190,0	16
10664	7 G 1,5	11,6	101,0	225,0	16
10665	7 x 1,5	11,6	101,0	225,0	16

Part no.	No.cores x cross-sec. mm²	Outer Ø app. mm	Cop. weight kg / km	Weight app. kg / km	AWG-No.
10666	8 G 1,5	12,7	115,0	250,0	16
10667	9 G 1,5	13,9	130,0	280,0	16
10668	10 G 1,5	15,2	144,0	300,0	16
10669	11 G 1,5	15,2	158,0	330,0	16
10670	12 G 1,5	15,7	173,0	370,0	16
10671	12 x 1,5	15,7	173,0	370,0	16
10672	14 G 1,5	16,6	202,0	400,0	16
10673	16 G 1,5	17,5	230,0	450,0	16
10674	18 G 1,5	19,6	259,0	520,0	16
10675	19 G 1,5	19,6	279,0	550,0	16
10676	20 G 1,5	20,6	288,0	600,0	16
10677	21 G 1,5	20,6	302,0	600,0	16
10678	25 G 1,5	22,6	360,0	730,0	16
10679	32 G 1,5	24,7	461,0	880,0	16
10680	34 G 1,5	25,6	490,0	950,0	16
10681	40 G 1,5	26,8	576,0	990,0	16
10682	42 G 1,5	27,7	605,0	1120,0	16
10683	50 G 1,5	30,4	720,0	1400,0	16
10684	56 G 1,5	31,5	806,0	1530,0	16
10685	61 G 1,5	32,6	878,0	1700,0	16
10686	65 G 1,5	33,5	936,0	1900,0	16
10687	80 G 1,5	37,5	1152,0	2300,0	16
10688	100 G 1,5	41,8	1440,0	2700,0	16
10689	2 x 2,5	9,6	48,0	160,0	14
10690	3 G 2,5	10,1	72,0	175,0	14
10691	3 x 2,5	10,1	72,0	175,0	14
10692	4 G 2,5	11,2	96,0	203,0	14
10693	4 x 2,5	11,2	96,0	203,0	14
10694	5 G 2,5	12,5	120,0	251,0	14
10695	5 x 2,5	12,5	120,0	251,0	14
10696	7 G 2,5	13,8	168,0	330,0	14
10697	7 x 2,5	13,8	168,0	330,0	14
10698	8 G 2,5	15,1	192,0	400,0	14
10699	12 G 2,5	19,6	288,0	553,0	14
10700	14 G 2,5	20,5	336,0	630,0	14
10701	18 G 2,5	22,6	432,0	795,0	14
10702	21 G 2,5	23,8	504,0	930,0	14
10703	25 G 2,5	26,2	600,0	1110,0	14
10704	34 G 2,5	30,4	816,0	1450,0	14
10705	42 G 2,5	33,0	1008,0	1750,0	14
10706	50 G 2,5	36,3	1200,0	2100,0	14
10707	61 G 2,5	38,8	1464,0	2540,0	14
10708	100 G 2,5	50,0	2400,0	3850,0	14
10709	2 x 4	11,0	77,0	180,0	12
10710	3 G 4	11,6	115,0	230,0	12
10711	4 G 4	12,9	154,0	310,0	12
10712	5 G 4	14,3	192,0	410,0	12
10713	7 G 4	15,8	269,0	540,0	12
10714	8 G 4	17,3	307,0	710,0	12
10715	12 G 4	22,1	461,0	860,0	12
10716	3 G 6	13,1	173,0	370,0	10
10717	4 G 6	14,5	230,0	430,0	10
10718	5 G 6	16,2	288,0	650,0	10
10719	7 G 6	19,0	403,0	860,0	10
10720	3 G 10	16,7	288,0	660,0	8
10721	4 G 10	19,5	384,0	790,0	8
10722	5 G 10	21,3	480,0	960,0	8
10723	7 G 10	23,2	672,0	1300,0	8
10724	3 G 16	21,1	461,0	700,0	6
10725	4 G 16	22,9	614,0	1100,0	6
10726	5 G 16	25,2	768,0	1600,0	6
10727	7 G 16	27,6	1075,0	1890,0	6
10728	3 G 25	25,0	720,0	1450,0	4
10729	4 G 25	27,4	960,0	1600,0	4
10730	5 G 25	30,7	1200,0	2050,0	4
10731	7 G 25	34,0	1680,0	2900,0	4
10732	3 G 35	27,5	1008,0	1900,0	2
10733	4 G 35	30,4	1344,0	2400,0	2
10734	5 G 35	34,0	1680,0	2900,0	2
10735	3 G 50	32,2	1440,0	2700,0	1
10736	4 G 50	35,8	1920,0	3400,0	1
10742	5 G 50	39,9	2400,0	4361,0	1
10737	3 G 70	36,4	2016,0	3300,0	2/0
10738	4 G 70	40,4	2688,0	4400,0	2/0
10743	5 G 70	45,1	3360,0	5807,0	2/0
10739	3 G 95	41,9	2736,0	5050,0	3/0
10740	4 G 95	46,4	3648,0	6010,0	3/0
10744	5 G 95	51,7	4560,0	7752,0	3/0
10741	4 G 120	51,3	4608,0	7500,0	4/0
11007924	5 G 120	56,4	5760,0	7659,0	4/0
10745	4 G 150	57,0	5760,0	8640,0	300 kcmil
11007925	5 G 150	62,9	7200,0	9562,0	300 kcmil
10746	4 G 185	62,8	7104,0	10380,0	350 kcmil

Dimensions and specifications may be changed without prior notice. (RA01)