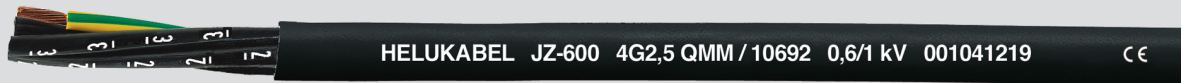


# JZ-600

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<sub>0</sub>/U 0,6/1 kV
- **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, 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 (mm<sup>2</sup>). 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. mm <sup>2</sup>	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. mm <sup>2</sup>	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 ▶

