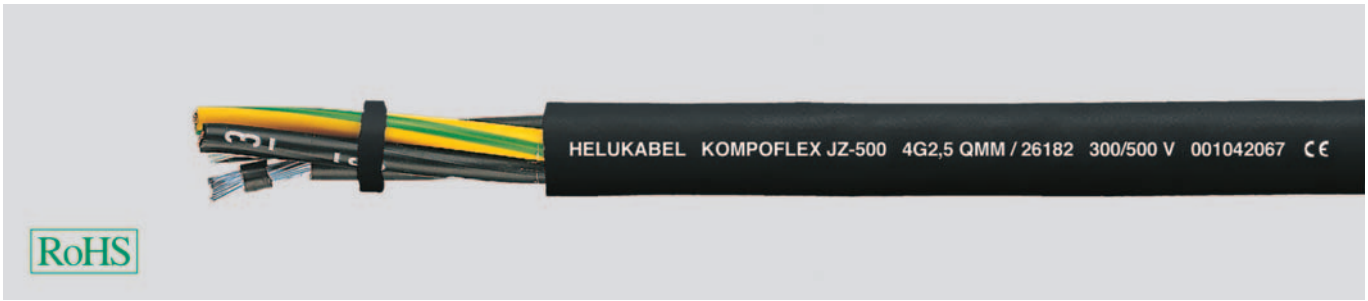
KOMPOFLEX® JZ-500 halogen-free, microbes resistant, low adhesion, meter marking



Technical data

- Microbes resistant, halogen-free special control cable in adapted to DIN VDE 0285-525-2-51 /
- DIN EN 50525-2-51
- **Temperature range** flexing -30°C to +90°C fixed installation -40°C to +100°C
- **Nominal voltage** U_0/U 300/500 V
- **Test voltage** 3000 V
- **Insulation resistance** min. 20 MOhm x km
- **Minimum bending radius** flexing 7,5x cable Ø fixed installation 4x cable Ø
- **Radiation resistance** up to 100x10⁶ cJ/kg (up to 100 Mrad)

Cable structure

- Tinned copper-conductor, to DIN VDE 0295 cl.5, fine-wire, BS 6360 cl.5, IEC 60228 cl.5
- Core insulation of special thermoplastic polymer
- 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
- Outher sheath of special thermoplastic polymer
- Sheath colour black (RAL 9005)
- with meter marking

Properties

- **Resistant to** UV-radiation, Oxygene, Ozone, Microbes,
- Hydrofluoric acid, Hydrochloric acid and diluted sulfuric acid
- The materials used in manufacture are cadmium-free and contain no silicone and free from substances harmful to the wetting properties of lacquers
- Low adhesion

Note

- G = with green-yellow conductor x = without green-yellow conductor (OZ)
- AWG sizes are approximate equivalent values. The actual cross-section is in mm².
- screened analogue type: **KOMPOLEX® JZ-500-C**, confer page 113

Application

Extremly robust universal cable. This cable is specially installed in rubbish, sewage-treatment plants, composting works, animal stalls and greenhouses. 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.

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

Part no.	No.cores x cross-sec. mm²	Outer Ø approx. mm	Cop. weight kg / km	Weight approx. kg / km	AWG-No.
26125	2 x 0,5	4,8	9,6	41,0	20
26126	3 G 0,5	5,1	14,4	50,0	20
26127	4 G 0,5	5,7	19,0	61,0	20
26128	5 G 0,5	6,2	24,0	72,0	20
26129	7 G 0,5	7,4	33,6	86,0	20
26130	12 G 0,5	9,1	58,0	130,0	20
26131	18 G 0,5	10,7	86,0	198,0	20
26132	20 G 0,5	11,2	96,0	211,0	20
26133	25 G 0,5	13,0	120,0	260,0	20
26135	34 G 0,5	14,5	163,0	361,0	20
26136	42 G 0,5	15,8	202,0	405,0	20
26137	50 G 0,5	17,3	240,0	541,0	20
26138	61 G 0,5	19,4	293,0	670,0	20
26139	2 x 0,75	5,2	14,4	42,0	19
26140	3 G 0,75	5,5	21,6	49,0	19
26141	4 G 0,75	6,2	29,0	60,0	19
26142	5 G 0,75	6,8	36,0	71,0	19
26143	7 G 0,75	8,1	50,0	88,0	19
26144	12 G 0,75	9,9	86,0	161,0	19
26145	18 G 0,75	11,9	130,0	250,0	19
26146	20 G 0,75	12,6	144,0	266,0	19
26147	25 G 0,75	14,5	180,0	273,0	19
26149	34 G 0,75	16,4	245,0	501,0	19
26150	42 G 0,75	17,6	302,0	591,0	19
26151	50 G 0,75	19,8	360,0	712,0	19
26152	61 G 0,75	20,9	439,0	820,0	19
26153	2 x 1	5,5	19,0	48,0	18
26154	3 G 1	6,0	29,0	56,0	18
26155	4 G 1	6,6	38,0	70,0	18
26156	5 G 1	7,2	48,0	81,0	18
26157	7 G 1	8,6	67,0	109,0	18
26158	12 G 1	10,7	115,0	191,0	18
26159	18 G 1	12,7	173,0	274,0	18
26160	20 G 1	13,5	192,0	314,0	18
26162	30 G 1	16,0	288,0	492,0	18
26163	34 G 1	17,4	326,0	640,0	18
26164	42 G 1	18,9	403,0	804,0	18
26165	50 G 1	21,0	480,0	932,0	18
26166	61 G 1	22,2	586,0	1102,0	18
26167	2 x 1,5	6,3	29,0	60,0	16

Part no.	No.cores x cross-sec. mm²	Outer Ø approx. mm	Cop. weight kg / km	Weight approx. kg / km	AWG-No.
26168	3 G 1,5	6,7	43,0	79,0	16
26169	4 G 1,5	7,3	58,0	98,0	16
26170	5 G 1,5	8,2	72,0	112,0	16
26171	7 G 1,5	9,8	101,0	159,0	16
26172	12 G 1,5	12,1	173,0	280,0	16
26173	18 G 1,5	14,5	259,0	420,0	16
26174	20 G 1,5	15,2	288,0	480,0	16
26175	25 G 1,5	17,8	360,0	604,0	16
26176	34 G 1,5	19,8	490,0	812,0	16
26177	42 G 1,5	21,4	605,0	1002,0	16
26178	50 G 1,5	23,7	720,0	1240,0	16
26179	61 G 1,5	25,3	878,0	1421,0	16
26180	2 x 2,5	7,6	48,0	99,0	14
26181	3 G 2,5	8,3	72,0	136,0	14
26182	4 G 2,5	9,1	96,0	170,0	14
26183	5 G 2,5	10,2	120,0	204,0	14
26184	7 G 2,5	12,1	168,0	281,0	14
26185	12 G 2,5	15,2	288,0	487,0	14
26186	18 G 2,5	18,1	432,0	704,0	14
26187	25 G 2,5	22,2	600,0	909,0	14
26189	3 G 4	9,9	115,0	224,0	12
26190	4 G 4	11,0	154,0	289,0	12
26191	5 G 4	12,1	192,0	357,0	12
26192	7 G 4	13,3	269,0	451,0	12
26193	12 G 4	18,3	461,0	782,0	12
26195	3 G 6	11,7	173,0	345,0	10
26196	4 G 6	13,0	230,0	417,0	10
26197	5 G 6	14,5	288,0	521,0	10
26198	7 G 6	16,0	403,0	622,0	10
26199	3 G 10	15,0	288,0	537,0	8
26200	4 G 10	16,8	384,0	699,0	8
26201	5 G 10	18,7	480,0	851,0	8
26202	7 G 10	20,6	672,0	1102,0	8
26204	4 G 16	19,7	614,0	1028,0	6
26206	7 G 16	24,4	1075,0	1772,0	6
26208	4 G 25	25,2	960,0	1577,0	4
26212	4 G 35	29,0	1344,0	2097,0	2
26215	4 G 50	33,4	1920,0	2914,0	1
26216	5 G 50	37,2	2400,0	3919,0	1

Dimensions and specifications may be changed without prior notice. (RA05)