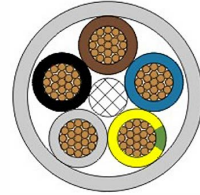


CU/PVC/PVC-JB

Application

For applications require flexible situation, suitable for occasional bending and fixed installation and free non-continuous and reciprocating movements are required and no tensile stress occasion, Suitable for dry and moisture resistant indoor installation, but not for open air use.

These cables are used as measuring and control cables and are widely used in processing machinery, conveyor belts, mechanical production lines and production lines in steel production.



Product structure diagram

Executive Standard

EN50525-2-51

Technical parameters

Rated voltage	300/500V,0.6/1 kV
Conductor	Copper adapted to DIN VDE 0295 class5 and IEC60228-5
Core identification	DIN VDE 0293-308 colored wire G:with yellow/green wire
Insulation	PVC
Sheath	PVC, flame-resistant
Outer sheath color	Gray RAL7001
Temperature range	Flexing: -15°C ~ /70°C
	Fixed installation: -40°C ~ /80°C
Min bend radius	Fixed installation :4 × Cable diameter
	flexing: 15 × Cable diameter
Cable`s self-extinguishing and flame retardant, test method according to IEC 60332	

Specification range

300/500V

Item number	Nominal Cross-section area mm ²	Reference Overall Diameter mm	Copper Weight kg/km	Cable Weight kg/km
1002301	2 × 0,5	4,7	9,6	33,0
1002302	3G0,5	5,1	14,4	41,0
1002303	3 × 0,5	5,1	14,4	41,0
1002304	4G0,5	5,5	19,2	50,0
1002305	4 × 0,5	5,5	19,2	50,0
1002306	5G0,5	6,2	24,0	63,0

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Specification range

300/500V

Item number	Nominal Cross-section area mm ²	Reference Overall Diameter mm	Copper Weight kg/km	Cable Weight kg/km
1002307	5 × 0,5	6,2	24,0	63,0
1002308	7G0,5	6,8	33,6	78,0
1002309	12G0,5	9,0	57,6	130,0
1002310	2 × 0,75	5,2	14,4	43,0
1002311	3G0,75	5,6	21,6	52,0
1002312	3 × 0,75	5,6	21,6	52,0
1002313	4G0,75	6,3	28,8	64,0
1002314	4 × 0,75	6,3	28,8	64,0
1002315	5G0,75	6,7	36,0	77,0
1002316	5 × 0,75	6,7	36,0	77,0
1002317	7G0,75	7,4	50,4	97,0
1002318	12G0,75	10,0	86,4	167,0
1002319	2 × 1	5,5	19,2	50,0
1002320	3G1	6,1	28,8	62,0
1002321	3 × 1	6,1	28,8	62,0
1002322	4G1	6,6	38,4	77,0
1002323	5G1	7,2	48,0	92,0
1002324	7G1	8,9	67,2	121,0
1002325	12G1	10,4	115,2	200,0
1002326	2 × 1,5	6,3	28,8	67,0
1002327	3G1,5	6,8	43,2	81,0
1002328	4G1,5	7,3	57,6	101,0
1002329	5G1,5	8,2	72,0	122,0
1002330	7G1,5	9,1	100,8	159,0
1002331	7 × 1,5	9,1	100,8	159,0
1002332	12G1,5	12,1	172,8	273,0
1002333	2 × 2,5	7,6	48,0	101,0
1002334	3G2,5	8,3	72,0	128,0
1002335	4G2,5	9,1	96,0	154,0
1002336	5G2,5	10,2	120,0	200,0
1002337	2 × 4	9,2	76,8	152,0
1002338	3G4	10,1	115,2	193,0
1002339	4G4	11,0	154,0	242,0
1002340	5G4	12,3	192,0	302,0
1002341	4G6	12,8	230,0	342,0
1002342	5G6	14,4	288,0	451,0
1002343	4G10	16,3	384,0	573,0
1002344	5G10	18,2	480,0	712,0
1002345	4G16	19,6	614,4	852,0
1002346	5G16	22,4	768,0	1153,0

0,6/1kV

Item number	Nominal Cross-section area mm ²	Reference Overall Diameter mm	Copper Weight kg/km	Cable Weight kg/km
1002347	4G25	26,0	960,0	1471,0
1002348	5G25	29,0	1200,0	1807,0
1002349	4G35	29,1	1344,0	1979,0
1002350	5G35	33,5	1680,0	2585,0
1002351	4G50	35,5	1920,0	2818,0
1002352	5G50	39,0	2400,0	3800,0
1002353	4G70	40,2	2688,0	4152,0
1002354	5G70	45,0	3360,0	4900,0
1002355	4G95	45,6	3648,0	5450,0
1002356	5G95	51,0	4560,0	6600,0
1002357	4G120	51,5	4608,0	7200,0
1002358	4G150	60,1	5760,0	7800,0
1002359	4G185	62,0	7104,0	8300,0

