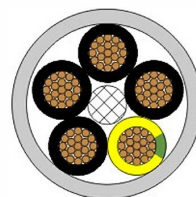


CU/PVC/PVC-JZ/OZ

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
Conductor	Copper adapted to DIN VDE 0295 class5 and IEC60228-5
Core identification	DIN VDE0293 black cores with white number 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 :20 × Cable diameter
	Flexing: 15 × Cable diameter
Cable`s self-extinguishing and flame retardant, test method according to IEC 60332	

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Specification range

Item number	Nominal Cross-section area mm ²	Reference Overall Diameter mm	Copper Weight kg/km	Cable Weight kg/km
1002101	2 × 0,5	4,7	9,6	33,0
1002102	3G0,5	5,1	14,4	41,0
1002103	3 × 0,5	5,1	14,4	41,0
1002104	4G0,5	5,5	19,2	50,0
1002105	4 × 0,5	5,5	19,2	50,0
1002106	5G0,5	6,2	24,0	63,0
1002107	5 × 0,5	6,2	24,0	63,0
1002108	6G0,5	6,7	28,8	70,0
1002109	7G0,5	6,8	33,6	78,0
1002110	7 × 0,5	6,8	33,6	78,0
1002111	8G0,5	7,9	38,4	98,0
1002112	10G0,5	8,6	48,0	120,0
1002113	12G0,5	9,0	57,6	130,0
1002114	12 × 0,5	9,0	57,6	130,0
1002115	14G0,5	9,7	67,2	148,0
1002116	18G0,5	11,0	86,4	194,0
1002117	21G0,5	12,2	100,8	230,0
1002118	25G0,5	13,0	120,0	254,0
1002119	34G0,5	15,0	163,2	342,0
1002120	40G0,5	16,4	192,0	425,0
1002121	50G0,5	17,9	240,0	520,0
1002122	61G0,5	19,7	292,8	608,0
1002123	2 × 0,75	5,2	14,4	43,0
1002124	3G0,75	5,6	21,6	52,0
1002125	3 × 0,75	5,6	21,6	52,0
1002126	4G0,75	6,3	28,8	64,0
1002127	4 × 0,75	6,3	28,8	64,0
1002128	5G0,75	6,7	36,0	77,0
1002129	5 × 0,75	6,7	36,0	77,0
1002130	6G0,75	7,0	43,2	95,0
1002131	7G0,75	7,4	50,4	97,0
1002132	7 × 0,75	7,4	50,4	97,0
1002133	8G0,75	7,9	57,6	130,0
1002134	8 × 0,75	7,9	57,6	130,0
1002135	9G0,75	9,4	64,8	153,0
1002136	10G0,75	9,6	72,0	153,0
1002137	12G0,75	10,0	86,4	167,0
1002138	12 × 0,75	10,0	86,4	167,0
1002139	15G0,75	11,1	108,0	206,0
1002140	16G0,75	11,5	115,2	228,0

Specification range

Item number	Nominal Cross-section area mm ²	Reference Overall Diameter mm	Copper Weight kg/km	Cable Weight kg/km
1002141	18G0,75	11,9	130,0	242,0
1002142	21G0,75	12,9	151,0	291,0
1002143	25G0,75	14,1	180,0	330,0
1002144	34G0,75	16,1	244,8	441,0
1002145	41G0,75	17,9	295,2	533,0
1002146	50G0,75	19,4	360,0	633,0
1002147	2 × 1	5,5	19,2	50,0
1002148	3G1	6,1	28,8	63,0
1002149	3 × 1	6,1	28,8	63,0
1002150	4G1	6,6	38,4	77,0
1002151	4 × 1	6,6	38,4	77,0
1002152	5G1	7,2	48,0	92,0
1002153	5 × 1	7,2	48,0	92,0
1002154	6G1	8,1	57,6	114,0
1002155	6 × 1	8,1	57,6	114,0
1002156	7G1	8,9	67,2	121,0
1002157	7 × 1	8,9	67,2	121,0
1002158	8G1	9,4	76,8	157,0
1002159	9G1	10,0	86,4	182,0
1002160	10G1	10,2	96,0	185,0
1002161	12G1	10,4	115,2	200,0
1002162	12 × 1	10,4	115,2	200,0
1002163	14G1	11,4	134,4	232,0
1002164	16G1	12,0	153,6	262,0
1002165	18G1	12,9	172,8	298,0
1002166	20G1	13,7	192,0	334,0
1002167	21G1	14,1	201,6	355,0
1002168	25G1	15,0	240,0	403,0
1002169	34G1	17,4	326,0	542,0
1002170	41G1	19,0	393,6	651,0
1002171	50G1	21,0	480,0	778,0
1002172	2 × 1,5	6,3	28,8	67,0
1002173	3G1,5	6,8	43,2	81,0
1002174	3 × 1,5	6,8	43,2	81,0
1002175	4G1,5	7,3	57,6	101,0
1002176	4 × 1,5	7,3	57,6	101,0
1002177	5G1,5	8,2	72,0	122,0
1002178	5 × 1,5	8,2	72,0	122,0
1002179	6G1,5	9,0	86,4	149,0
1002180	7G1,5	9,1	100,8	159,0

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Item number	Nominal Cross-section area mm ²	Reference Overall Diameter mm	Copper Weight kg/km	Cable Weight kg/km
1002181	7 × 1,5	9,1	100,8	159,0
1002182	8G1,5	10,5	115,2	206,0
1002183	9G1,5	11,4	129,6	242,0
1002184	10G1,5	11,6	144,0	245,0
1002185	12G1,5	12,1	172,8	273,0
1002186	12 × 1,5	12,1	172,8	273,0
1002187	14G1,5	12,8	201,6	309,0
1002188	16G1,5	13,7	230,4	355,0
1002189	18G1,5	14,5	259,2	397,0
1002190	21G1,5	16,1	302,4	484,0
1002191	25G1,5	17,0	360,0	541,0
1002192	32G1,5	19,3	460,8	698,0
1002193	34G1,5	19,6	490,0	722,0
1002194	42G1,5	21,5	604,8	885,0
1002195	50G1,5	23,6	720,0	1051,0
1002196	2 × 2,5	7,6	48,0	101,0
1002197	3G2,5	8,3	72,0	128,0
1002198	3 × 2,5	8,3	72,0	128,0
1002199	4G2,5	9,1	96,0	154,0
1012101	4 × 2,5	9,1	96,0	154,0
1012102	5G2,5	10,2	120,0	200,0
1012103	5 × 2,5	10,2	120,0	200,0
1012104	6G2,5	10,7	144,0	229,0
1012105	7G2,5	11,3	168,0	250,0
1012106	7 × 2,5	11,3	168,0	250,0
1012107	8G2,5	13,2	192,0	331,0
1012108	9G2,5	14,0	216,0	356,0
1012109	10G2,5	14,6	240,0	375,0
1012110	12G2,5	14,9	288,0	438,0
1012111	12 × 2,5	14,9	288,0	438,0
1012112	14G2,5	16,0	336,0	503,0
1012113	16G2,5	17,0	384,0	555,0
1012114	18G2,5	18,0	432,0	629,0
1012115	21G2,5	19,1	504,0	684,0
1012116	25G2,5	21,2	600,0	852,0
1012117	32G2,5	22,3	761,0	998,0
1012118	34G2,5	24,6	816,0	1150,0
1012119	42G2,5	27,5	1008,0	1385,0
1012120	50G2,5	30,6	1200,0	1651,0
1012121	2 × 4	9,2	76,8	152,0

Item number	Nominal Cross-section area mm ²	Reference Overall Diameter mm	Copper Weight kg/km	Cable Weight kg/km
1012122	3G4	10,1	115,2	193,0
1012123	4G4	11,0	154,0	242,0
1012124	5G4	12,3	192,0	302,0
1012125	7G4	13,7	269,0	390,0
1012126	3G6	11,7	172,8	276,0
1012127	4G6	12,8	230,0	342,0
1012128	5G6	14,4	288,0	427,0
1012129	7G6	16,0	403,0	550,0
1012130	3G10	14,7	288,0	451,0
1012131	4G10	16,3	384,0	573,0
1012132	5G10	18,2	480,0	712,0
1012133	7G10	20,1	672,0	931,0
1012134	3G16	17,6	460,8	707,0
1012135	4G16	19,6	614,4	852,0
1012136	5G16	22,4	768,0	1153,0
1012137	7G16	25,6	1075,2	1497,0
1012138	4G25	25,7	960,0	1454,0
1012139	5G25	28,7	1200,0	1778,0
1012140	4G35	27,2	1344,0	1972,0
1012141	5G35	33,1	1680,0	2542,0
1012142	4G50	33,8	1920,0	2746,0
1012143	4G70	39,7	2688,0	4092,0
1012144	4G95	45,6	3648,0	5400,0

