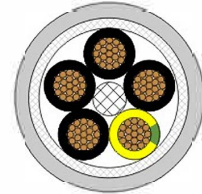


CU/PVC/PVC-JZ/OZ

Application

This type of PVC control cable can be used as power, control and connection wire. It is widely used in electrical equipment and other occasions. The tinned copper wire braided shield can resist electromagnetic interference and ensure the interference-free transition of data and signals. Suitable for fixed installation and no force, no occasional movement in a fixed direction. These cables are suitable for dry and wet indoor installations and are not suitable for outdoor installations and underground burial without UV protection. Because the inner sheath is replaced by a barrier film, the diameter of the entire cable is greatly reduced, while the cable bending radius and cable weight are reduced too.



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
Overall screen	85% coverage of tinned copper wire braided shield
Sheath	PVC, flame-resistant
Outer sheath color	Gray RAL7001
Temperature range	Flexing: -40°C ~ /80°C
	Fixed installation: -15°C ~ /70°C
Min bend radius	Fixed installation :6 × Cable diameter
	movement installation: 15 × Cable diameter
Cable's self-extinguishing and flame retardant, test method according to IEC 60332	

Specification range

Item number	Nominal Cross-section area mm ²	Reference Overall Diameter mm	Copper Weight kg/km	Cable Weight kg/km
1002201	2 × 0,5	5,4	36,0	40,0
1002202	3G0,5	5,7	43,0	56,0
1002203	4G0,5	6,3	49,0	77,0
1002204	5G0,5	6,7	57,0	90,0
1002205	7G0,5	7,5	69,0	112,0
1002206	12G0,5	9,6	104,0	177,0
1002207	18G0,5	11,4	141,0	237,0
1002208	25G0,5	13,6	211,0	350,0
1002209	2 × 0,75	5,9	43,0	56,0
1002210	3G0,75	6,2	52,0	71,0
1002211	3 × 0,75	6,2	52,0	71,0
1002212	4G0,75	6,8	61,0	92,0
1002213	4 × 0,75	6,8	61,0	92,0
1002214	5G0,75	7,5	72,0	109,0
1002215	7G0,75	8,1	89,0	156,0
1002216	8G0,75	8,6	93,0	160,0
1002217	10G0,75	10,3	107,0	164,0
1002218	12G0,75	10,8	138,0	210,0
1002219	18G0,75	12,5	211,0	287,0
1002220	25G0,75	15,1	280,0	416,0
1002221	2 × 1	6,3	51,0	72,0
1002222	3G1	6,5	62,0	90,0
1002223	3 × 1	6,5	62,0	90,0
1002224	4G1	7,2	74,0	109,0
1002225	4 × 1	7,2	74,0	109,0
1002226	5G1	7,9	88,0	126,0
1002227	7G1	8,5	112,0	171,0
1002228	12G1	11,4	185,0	262,0
1002229	18G1	13,4	268,0	378,0
1002230	25G1	16,2	354,0	541,0
1002231	2 × 1,5	7,0	65,0	90,0
1002232	3G1,5	7,5	82,0	115,0
1002233	3 × 1,5	7,5	82,0	115,0
1002234	4G1,5	8,2	100,0	153,0
1002235	5G1,5	8,9	119,0	176,0
1002236	7G1,5	9,6	154,0	220,0
1002237	12G1,5	12,9	268,0	340,0
1002238	18G1,5	15,3	373,0	499,0
1002239	25G1,5	17,9	530,0	688,0
1002240	2 × 2,5	8,1	92,0	140,0

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Item number	Nominal Cross-section area mm ²	Reference Overall Diameter mm	Copper Weight kg/km	Cable Weight kg/km
1002241	3G2,5	8,9	118,0	167,0
1002242	4G2,5	9,7	147,0	216,0
1002243	5G2,5	10,7	176,0	253,0
1002244	7G2,5	11,9	253,0	326,0
1002245	12G2,5	15,8	345,0	545,0
1002246	4G4	12,0	248,0	284,0
1002247	4G6	14,2	343,0	385,0
1002248	4G10	17,2	535,0	663,0
1002249	4G16	21,2	800,0	984,0
1002250	4G25	26,1	1075,0	1481,0
1002251	4G35	30,4	1576,0	2161,0

