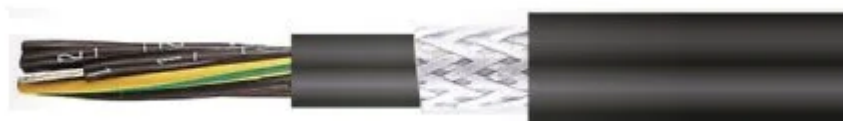




INNOVCABLE PVC JZ/OZ-YCY BLACK 0,6/1KV



- Conductor material: bare copper wires
- Conductor class: According to DIN VDE 0295 class 5 and IEC 60228 cl. 5
- Vein insulation: special PVC 70°C - White or black veins identified by sequentially engraved numbers in black or yellow with or without green earth (G).
- Twisted in layers.
- Protective intermediate layer in special PVC.
- Shielding: shielding of tinned copper wires, 85% coverage.
- Outer layer in special PVC resistant to oils, grease, acids and radiation (up to 80x10⁶cJ/Kg (up to 80 Mrad)).
- Manufactured in RAL 7001 Black.
- Manufactured free from noxious substances and silicone.
- Rated voltage: 0,6/1KV
- Test voltage: 4.000 V
- Conductor resistance: according to DIN VDE 0295 class 5 and IEC 60228 cl. 5
- Insulation resistance: min. 20 MΩx Km.
- Min. bending radius fixed use: 6 x d
- Min. bending radius if mobile: 15 x d
- Flameproof and flame retardant according to IEC 60332-1

Identification

- All cables with identification (G) have 1 green conductor to earth, (x) without green conductor to earth.

External identification engraving:

INNOVCABLE JZ/OZ-YCY BLACK n (x) or (G) mm² 0.6/1Kv 70°C OF: XXXX/ANO

Applicable Specifications



DIN VDE 0295 CLASS 5

IEC 60228 CLASS 5

DIN VDE 0293

RAL 7001

IEC 60332-1

DIN VDE 0245, 0250 AND 0281

Applications

Cable for power, control and connections of electrical equipment, for use in servo motor systems with frequency inverter technology, for fixed and flexible applications without traction, can be applied in dry and wet locations. It has UV protection (external use). Flame retardant according to IEC 60332-1. Resistant to oils, grease, acids and radiation (up to $80 \times 10^6 \text{ cJ/Kg}$ (up to 80 Mrad)). Operating voltage: 0,6/1kv. Manufactured free from noxious substances and silicone. Recommended for EMC applications. Voltage test 4000V. Additional mechanical protection through intermediate frame.

Maximum Conductor Temperature

min/max: -30° C / $+70^\circ \text{ C}$

Notes

G = with 1 green conductor to earth;

x = without a green earth conductor (OZ).

- Several other cable options and configurations can be produced on request. Innovcable reserves the right to modify this catalogue without prior notice.



DADOS DIMENSIONAIS

Dimensional n x mm ²	Diâmetro externo Ø mm	Peso do cobre kg/km	Peso kg/km
2 X 0,5	8,1	38,0	117,0
3 G 0,5	8,4	45,0	135,0
4 G 0,5	9,2	54,0	150,0
5 G 0,5	9,9	62,0	173,0
7 G 0,5	11,9	76,0	198,0
12 G 0,5	14,4	131,0	313,0
18 G 0,5	17,0	175,0	408,0
25 G 0,5	20,2	223,0	638,0
2 X 0,75	8,5	46,0	135,0
3 G 0,75	8,9	56,0	149,0
4 G 0,75	9,7	67,0	169,0
5 G 0,75	11,0	78,0	197,0
7 G 0,75	12,8	97,0	315,0
12 G 0,75	15,6	168,0	410,0
18 G 0,75	17,7	229,0	560,0
25 G 0,75	21,7	296,0	762,0
2 X 1	9,2	52,0	150,0
3 G 1	9,7	66,0	163,0
4 G 1	10,6	79,0	198,0
5 G 1	12,4	93,0	239,0
7 G 1	13,7	117,0	335,0
12 G 1	16,4	204,0	522,0
18 G 1	19,4	280,0	628,0
25 G 1	22,6	369,0	855,0
2 X 1,5	10,1	69,0	181,0
3 G 1,5	11,1	87,0	205,0
4 G 1,5	12,6	102,0	240,0
5 G 1,5	13,5	125,0	286,0
7 G 1,5	15,3	180,0	383,0
12 G 1,5	19,2	281,0	690,0
18 G 1,5	22,2	391,0	806,0
25 G 1,5	25,1	518,0	1.180,0
2 X 2,5	11,3	112,0	191,0
3 G 2,5	12,7	123,0	298,0
4 G 2,5	14,2	168,0	345,0
5 G 2,5	15,0	204,0	408,0
7 G 2,5	17,7	280,0	628,0
12 G 2,5	22,6	369,0	855,0
18 G 2,5	25,5	598,0	1.053,0



Dimensional n x mm ²	Diâmetro externo Ø mm	Peso do cobre kg/km	Peso kg/km
2 X 4	14,1	120,0	247,0
4 G 4	16,0	238,0	527,0
5 G 4	17,3	302,0	661,0
7 G 4	19,0	396,0	828,0
2 X 6	16,1	180,0	353,0
4 G 6	17,7	318,0	715,0
5 G 6	19,0	419,0	832,0
7 G 6	22,1	559,0	1.205,0
2 X 10	18,4	256,0	492,0
4 G 10	21,7	574,0	864,0
5 G 10	23,8	714,0	1.020,0
4 G 16	25,2	809,0	1.184,0
5 G 16	27,6	1.053,0	1.402,0
4 G 25	29,8	1.165,0	1.792,0
5 G 25	32,7	1.446,0	2.209,0
4 G 35	32,7	1.683,0	2.495,0
5 G 35	38,7	1.975,0	2.736,0
4 G 50	39,6	2.368,0	4.094,0
5 G 50	44,9	2.880,0	5.118,0
4 G 70	44,0	3.261,0	5.467,0
5 G 70	50,4	4.032,0	6.834,0
4 G 95	51,0	4.055,0	5.849,0
5 G 95	56,5	5.264,0	7.720,0
4 G 120	58,1	5.225,0	7.509,0