



## INNOVCABLE PVC JZ/OZ PLUS



- 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.
- Outer layer in special PVC resistant to oils, greases, acids, manufactured in the colour grey RAL 7001.
- Free from silicone and harmful substances.
- Rated voltage: 300/500V
- Test voltage: 4.000 V
- Short-circuit voltage: Min. 8000V
- 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: 4 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 marking:

INNOVCABLE JZ/OZ PLUS n (x) or (G) mm<sup>2</sup> 300/500V 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 in general, fixed and flexible applications without traction, can be applied in dry and wet locations. It can be applied outdoors and has UV protection/resistance. Flame retardant according to IEC 60332-1. Resistant to oils, grease, acids and radiation (up to 80x106cJ/Kg (up to 80 Mrad). Manufactured free of noxious substances and silicone.

## Maximum Conductor Temperature

min/max: -30° C / +70° 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 <sup>2</sup>	Diametro externo Ø mm	Peso do cobre kg/km	Peso kg/km
2 X 0,5	4,7	10,0	33,0
3 G 0,5	5,1	15,0	41,0
4 G 0,5	5,5	19,0	50,0
5 G 0,5	6,2	24,0	63,0
7 G 0,5	6,8	34,0	78,0
8 G 0,5	7,9	38,0	98,0
10 G 0,5	8,6	48,0	120,0
12 G 0,5	9,0	58,0	130,0
14 G 0,5	9,7	67,0	148,0
18 G 0,5	11,0	86,0	194,0
21 G 0,5	12,2	101,0	230,0
25 G 0,5	13,0	120,0	254,0
34 G 0,5	15,0	163,0	342,0
2 X 0,75	5,2	15,0	43,0
3 G 0,75	5,6	22,0	52,0
4 G 0,75	6,3	29,0	64,0
5 G 0,75	6,7	36,0	77,0
6 G 0,75	7,4	43,0	95,0
7 G 0,75	7,4	50,0	97,0
8 G 0,75	8,9	58,0	130,0
10 G 0,75	9,6	72,0	153,0
12 G 0,75	10,0	86,0	167,0
16 G 0,75	11,5	115,0	228,0
18 G 0,75	11,9	130,0	242,0
19 G 0,75	11,9	137,0	250,0
21 G 0,75	12,9	151,0	291,0
25 G 0,75	14,1	180,0	330,0
34 G 0,75	16,1	245,0	441,0
41 G 0,75	17,9	296,0	533,0
50 G 0,75	19,4	360,0	633,0
2 X 1	5,5	19,0	50,0
3 G 1	6,1	29,0	63,0
4 G 1	6,6	38,0	77,0
5 G 1	7,2	48,0	92,0
6 G 1	8,1	58,0	114,0
7 G 1	8,1	67,0	121,0
8 G 1	9,4	77,0	157,0
10 G 1	10,4	96,0	192,0
12 G 1	11,4	114,0	228,0
16 G 1	12,0	154,0	262,0



dimensional n x mm <sup>2</sup>	Diametro externo Ø mm	Peso do cobre kg/km	Peso kg/km
2 X 1,5	6,3	29,0	67,0
3 G 1,5	6,8	43,0	81,0
4 G 1,5	7,3	58,0	101,0
5 G 1,5	8,2	72,0	122,0
6 G 1,5	9,0	86,0	149,0
7 G 1,5	9,1	101,0	159,0
8 G 1,5	10,5	115,0	206,0
9 G 1,5	11,4	130,0	242,0
10 G 1,5	11,6	144,0	245,0
12 G 1,5	12,1	173,0	273,0
14 G 1,5	12,8	202,0	309,0
16 G 1,5	13,7	230,0	355,0
18 G 1,5	14,5	259,0	397,0
21 G 1,5	16,1	302,0	484,0
25 G 1,5	17,0	360,0	541,0
34 G 1,5	19,6	490,0	722,0
42 G 1,5	21,5	605,0	885,0
50 G 1,5	23,6	720,0	1.051,0
61 G 1,5	25,5	878,0	1.259,0
2X2,5	7,6	48,0	101,0
3G2,5	8,3	72,0	128,0
4G2,5	9,1	96,0	154,0
5G2,5	10,2	120,0	200,0
7G2,5	11,3	168,0	250,0
8G2,5	13,2	192,0	331,0
10G2,5	14,6	240,0	375,0
12G2,5	14,9	288,0	438,0
18G2,5	18,0	432,0	629,0
25G2,5	21,2	600,0	852,0
3G4	10,1	115,0	193,0
4G4	11,0	154,0	242,0
5G4	12,3	192,0	302,0
7G4	13,7	269,0	390,0
3G6	11,7	173,0	276,0
4G6	12,8	230,0	342,0
5G6	14,4	288,0	427,0
7G6	16,0	403,0	550,0

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