



## INNOVCABLE PUR (N)YMHC11YO GRAY - EMC

- Conductor material: bare copper wires
- Conductor class: According to DIN VDE 0295 class 5 and IEC 60228 cl. 5
- Vein insulation: PVC special 70°C.-Up to 5 conductors coloured veins according to DIN VDE 0293-308; above 6 conductors Innovcable colour code with or without earth vein (G).
- Twisted in layers.
- Tinned copper braided shielding, approx. 85% coverage.
- Outer layer in special PUR with high resistance to abrasion, impacts, cuts, tears, lubricants, hydrolysis, solvents and acids.
- Manufactured in the colour Grey RAL 7001.
- Free from silicone and harmful substances.
- Rated voltage: 300/500 V
- Test voltage: 3000 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: 5 x d
- min. bending radius if mobile: 12,5xd

### Identification

- All cables with identification (G) have 1 green path to earth, External identification engraving: INNOVCABLE PUR (N)YMHC11YO n (x) or (G) mm² 300/500V or 0.6/1kv OF: XXXX/ANO

### Applicable Specifications

DIN VDE 0295 CLASS 5

IEC 60228 CLASS 5

DIN VDE 0293-308

RAL 7001



DIN VDE 0245, 0250 AND 0282

## Applications

Cable for power, control and connections of electrical equipment in general, excellent product for power tools, fixed and flexible applications without traction, can be applied in dry and wet locations. Can be used outdoors in a wide temperature range. Resistant to lubricants, hydrolysis, solvents, acids. Excellent resistance to abrasion and impact, cut and tear proof. Resistant to microbes. Manufactured free of hazardous substances and silicone. For EMC applications. Tinned copper braided shielding against electromagnetic interference.

## Maximum Conductor Temperature

Fixed: min-40° C / +70° C

Mobile: min-5° C / +70° C

## Notes

G = with 1 green conductor to earth;

x = no green conductor to earth (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	5,1	9,6	40,0
3 G 0,5	5,4	14,4	55,0
4 G 0,5	6,0	19,0	65,0
5 G 0,5	6,5	24,0	75,0
7 G 0,5	7,2	33,6	90,0
12 G 0,5	9,3	57,6	135,0
18 G 0,5	10,8	86,4	205,0
25 G 0,5	13,2	120,0	270,0
2 X 0,75	5,4	14,4	44,0
3 G 0,75	5,8	21,6	53,0
4 G 0,75	6,4	28,8	64,0
5 G 0,75	7,1	36,0	76,0
7 G 0,75	7,8	50,4	96,0
12 G 0,75	10,4	86,4	170,0
18 G 0,75	12,4	130,0	260,0
25 G 0,75	15,1	180,0	324,0
34 G 0,75	17,0	245,0	475,0
2 X 1	5,8	19,2	53,0
3 G 1	6,3	28,8	63,0
4 G 1	6,9	38,4	75,0
5 G 1	7,7	48,0	89,0
7 G 1	8,8	67,2	115,0
12 G 1	11,0	115,0	201,0
18 G 1	13,0	173,0	289,0
25 G 1	16,9	240,0	380,0
34 G 1	18,3	326,0	645,0
2 X 1,5	6,5	28,8	68,0
3 G 1,5	6,9	43,2	87,0
4 G 1,5	7,6	57,6	106,0
5 G 1,5	8,5	72,0	131,0
7 G 1,5	9,4	101,0	173,0
12 G 1,5	12,8	173,0	293,0
18 G 1,5	15,2	259,0	454,0
25 G 1,5	18,5	360,0	641,0
34 G 1,5	20,8	490,0	945,0
42 G 1,5	23,5	605,0	1.100,0
50 G 1,5	24,2	720,0	1.250,0

dimensional n x mm <sup>2</sup>	Diametro externo Ø mm	Peso do cobre kg/km	Peso kg/km
2 X 2,5	8,2	48,0	110,0
3 G 2,5	8,7	72,0	146,0
4 G 2,5	9,4	96,0	183,0
5 G 2,5	10,3	120,0	222,0
7 G 2,5	11,5	168,0	293,0
12 G 2,5	15,7	288,0	512,0
18 G 2,5	18,7	432,0	740,0
25 G 2,5	24,1	600,0	940,0
4 G 4	12,5	154,0	291,0
5 G 4	14,0	192,0	355,0
7 G 4	15,4	269,0	503,0
4 G 6	13,0	230,0	468,0
5 G 6	14,5	288,0	570,0
7 G 6	16,0	403,0	808,0
3 G 10	15,8	288,0	555,0
4 G 10	16,2	384,0	720,0
5 G 10	18,1	480,0	894,0
7 G 10	20,0	672,0	1.295,0
4 G 16	18,8	614,0	1.063,0
5 G 16	23,6	768,0	1.400,0
7 G 16	29,3	1.075,0	1.800,0
4 G 25	29,4	960,0	1.590,0
4 G 35	32,8	1.344,0	2.200,0
4 G 50	38,9	1.920,0	2.400,0
4 G 70	44,7	2.688,0	4.400,0
4 G 95	59,6	3.648,0	6.000,0