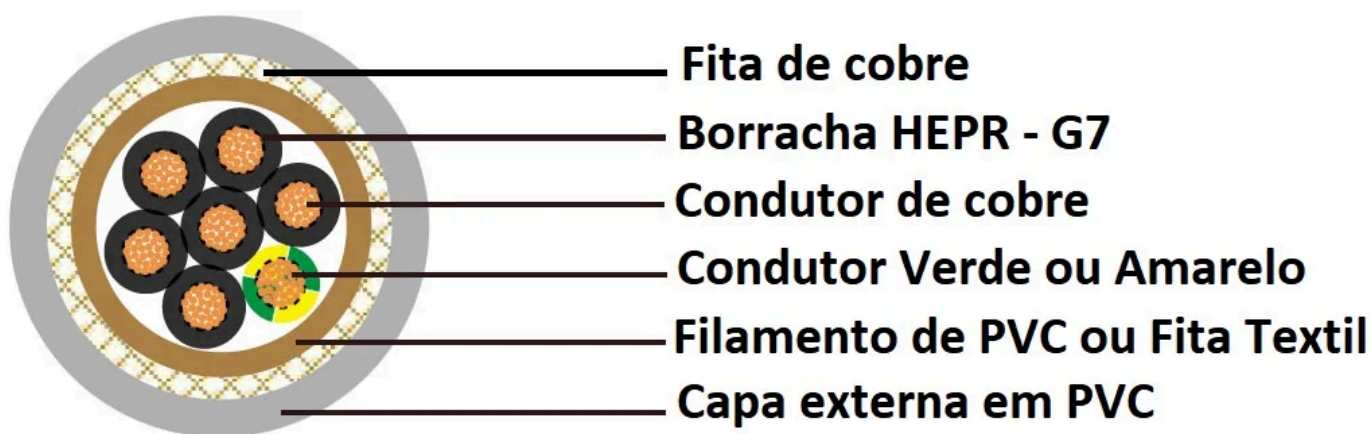




INNOVCABLE FG7OH1R



- Conductor material: bare copper wires
- Conductor class: According to DIN VDE 0295 class 5 and IEC 60228 cl. 5
- Vein insulation: HEPR rubber - Quality G7 - White or black veins identified by black or yellow sequentially numbered engraving with or without green earth (G).
- Twisted in layers.
- Intermediate protective layer in special PVC or textile filament (Application depends on variables of gauge and number of veins)
- Shielding: Copper tape
- Outer layer in special PVC
- Manufactured in Black.
- Manufactured free of noxious substances and silicone.
- Rated voltage: 600/1000V
- Test voltage: 4.000 V
- Conductor resistance: according to DIN VDE 0295 class 5 and IEC 60228 cl. 5
- Insulation resistance: min. 10 MΩ X Km.
- Min. bending radius fixed use: 8 x d
- Short circuit temperature: +250°C
- Flameproof and flame retardant according to IEC 20-22 II - IEC 60332-34, IEC EN 60332-1

Identification

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



External identification marking:

INNOVCABLE FG7OH1R n (x) or (G) mm² 600/1000V OF: XXXX/ANO

Applicable Specifications

ERC 20-22II

UNEL 35377

IEC 20-37 pt.2 (EN50267)

ERC 20-13

CEI 20-35 (EN60332-1)

ERC 20-52

Applications

Cable for power, control and connections of electrical equipment, with low loss in data transmission and signal transmission, for fixed indoor and outdoor applications, can be applied in dry and wet places. It has UV protection (outdoor use). EMC electromagnetic interference shielding. Underground placement is acceptable, even if not shielded.

Maximum Conductor Temperature

-25° C / +90° C

Notes

G = with 1 green conductor to earth;
x = no green conductor to earth (OZ).



- Various other cable options and configurations can be produced on request. Innovcable reserves the right to change this catalogue without prior notice.
- The dimensional values are fictitious calculations, and Engineering should be consulted to obtain the real calculation.



Dimensionais

AWG	Dimensional	Diametro nominal isolação	Diametro nominal capa externa	Diametro Externo	Peso Nominal
	n x mm ²	mm	mm	mm	kg/km
Potencia					
16(30/30)	2 x 1.5	0.7	1.8	12.6	241
14(50/30)	2 x 2.5	0.7	1.8	13.5	280
12(56/28)	2 x 4	0.7	1.8	14.5	336
10(84/28)	2 x 6	0.7	1.8	15.5	395
8(80/26)	2 x 10	0.7	1.8	18.4	567
6(128/26)	2 x 16	0.7	1.8	20.5	738
4(200/26)	2 x 25	0.9	1.8	25.3	1107
2(280/26)	2 x 35	0.9	1.8	27.7	1403
1(400/26)	2 x 50	1	1.8	30.6	1830
2/0(356/24)	2 x 70	1.1	1.8	36.4	2571
16(30/30)	3 x 1.5	0.7	1.8	13.0	262
14(50/30)	3 x 2.5	0.7	1.8	14.1	316
12(56/28)	3 x 4	0.7	1.8	15.0	380
10(84/28)	3 x 6	0.7	1.8	16.1	456
8(80/26)	3 x 10	0.7	1.8	19.3	675
6(128/26)	3 x 16	0.7	1.8	22.3	939
4(200/26)	3 x 25	0.9	1.8	26.6	1346
2(280/26)	3 x 35	0.9	1.8	29.2	1744
1(400/26)	3 x 50	1	1.8	32.3	2262
2/0(356/24)	3 x 70	1.1	1.9	38.5	3188



AWG	Dimensional	Diametro nominal isolação	Diametro nominal capa externa	Diametro Externo	Peso Nominal
	n x mm ²	mm	mm	mm	kg/km
Potencia					
16(30/30)	4 x 1.5	0.7	1.8	13.8	298
14(50/30)	4 x 2.5	0.7	1.8	14.9	357
12(56/28)	4 x 4	0.7	1.8	16.1	438
10(84/28)	4 x 6	0.7	1.8	17.3	535
8(80/26)	4 x 10	0.7	1.8	20.8	802
6(128/26)	4 x 16	0.7	1.8	24.6	1164
4(200/26)	4 x 25	0.9	1.8	28.8	1664
16(30/30)	5 x 1.5	0.7	1.8	14.9	351
14(50/30)	5 x 2.5	0.7	1.8	16.2	424
12(56/28)	5 x 4	0.7	1.8	17.5	527
10(84/28)	5 x 6	0.7	1.8	18.9	635
8(80/26)	5 x 10	0.7	1.8	23.7	1027
6(128/26)	5 x 16	0.7	1.8	26.9	1415
4(200/26)	5 x 25	0.9	1.8	31.6	2022



AWG	Dimensional	Diametro nominal isolação	Diametro nominal capa externa	Diametro Externo	Peso Nominal
	n x mm ²	mm	mm	mm	kg/km
controle					
16(30/30)	7 x 1.5	0.7	1.8	15.7	399
16(30/30)	10 x 1.5	0.7	1.8	17.8	503
16(30/30)	12 x 1.5	0.7	1.8	19.2	574
16(30/30)	16 x 1.5	0.7	1.8	21.0	690
16(30/30)	19 x 1.5	0.7	1.8	22.6	813
16(30/30)	24 x 1.5	0.7	1.8	24.6	927
14(50/30)	7 x 2.5	0.7	1.8	17.1	496
14(50/30)	10 x 2.5	0.7	1.8	19.5	644
14(50/30)	12 x 2.5	0.7	1.8	21.2	732
14(50/30)	16 x 2.5	0.7	1.8	24.0	950
14(50/30)	19 x 2.5	0.7	1.8	25.0	1056
14(50/30)	24 x 2.5	0.7	1.8	38.3	1281