



INNOVCABLE PUR H07BQ-F



- Conductor material: bare copper wires
- Conductor class: According to DIN VDE 0295 class 5 and IEC 60228 cl. 5
- Vein insulation: Special rubber 130°C.
- Up to 5 conductors coloured veins according to DIN VDE 0293-308, with green earth (G) after the third conductor.
- Twisted in layers.
- Outer layer in special PUR with high resistance to abrasion, impacts, cuts, tears, lubricants, hydrolysis, solvents and acids.
- Manufactured in orange.
- Made free of harmful substances and silicone.
- Rated voltage: H07BQ-F 450/750 V
- Test voltage: 3000 V
- Conductor resistance: according to DIN VDE 0295 class 5 and IEC 60228 cl. 5
- Insulation resistance: min. 20 MΩ x Km.
- min. bending radius fixed use: 4 x d
- min. bending radius if mobile: 12,5 x d

Identification

- All cables with identification (G) have 1 green path to earth, External identification engraving: INNOVCABLE PUR H07BQ-F n (x) or (G) mm² 450/750 V OF: XXXX/ANO

Applicable Specifications

DIN VDE 0295 CLASS 5

IEC 60228 CLASS 5

innovcable



DIN VDE 0293-308

DIN VDE 0282

Applications

Cable for electrical equipment, hand tools and other applications, fixed and flexible non-tensile applications, can be applied in dry and wet locations. Outdoor use over a wide temperature range. Resistant to lubricants, hydrolysis, solvents, acids Excellent resistance to abrasion and impact, cut and tear proof UV protection. Resistant to microbes. Manufactured free of noxious substances and silicone.

Maximum Conductor Temperature

-40° C / +130° 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.



DADOS DIMENSIONAIS

| dimensional x mm ² | Diametro externo Ø mm | Peso do cobre kg/km | Peso kg/km |
|----------------------------------|-----------------------------|------------------------|---------------|
| H05BQ-F | | | |
| 2X0,75 | 5,7-7,4 | 14,4 | 53,0 |
| 3G0,75 | 6,2-8,1 | 21,6 | 65,0 |
| 4G0,75 | 6,8-8,8 | 28,8 | 82,0 |
| 5G0,75 | 7,6-9,9 | 36,0 | 100,0 |
| 2X1 | 6,1-8,0 | 19,2 | 60,0 |
| 3G1 | 6,5-8,5 | 28,8 | 72,0 |
| 4G1 | 7,1-9,3 | 38,4 | 91,0 |
| 5G1 | 8,0-10,3 | 48,0 | 112,0 |
| H07BQ-F | | | |
| 2X1,5 | 7,6-9,8 | 28,8 | 91,0 |
| 3G1,5 | 8,0-10,4 | 43,2 | 110,0 |
| 4G1,5 | 9,0-11,6 | 57,6 | 143,0 |
| 5G1,5 | 9,8-12,7 | 72,0 | 170,0 |
| 2X2,5 | 9,0-11,6 | 48,0 | 101,0 |
| 3G2,5 | 9,6-12,4 | 72,0 | 160,0 |
| 4G2,5 | 10,7-13,8 | 96,0 | 200,0 |
| 5G2,5 | 11,9-15,3 | 120,0 | 260,0 |

| dimensional x mm ² | Diametro externo Ø mm | Peso do cobre kg/km | Peso kg/km |
|----------------------------------|-----------------------------|------------------------|---------------|
| H07BQ-F | | | |
| 2X4 | 10,6-13,7 | 76,8 | 154,0 |
| 3G4 | 11,3-14,5 | 115,0 | 264,0 |
| 4G4 | 12,7-16,2 | 154,0 | 277,0 |
| 5G4 | 14,1-17,9 | 192,0 | 345,0 |
| 2X6 | 11,8-15,1 | 115,0 | 232,0 |
| 3G6 | 12,8-16,3 | 173,0 | 346,0 |
| 4G6 | 14,2-18,1 | 230,0 | 414,0 |
| 5G6 | 15,7-20,0 | 288,0 | 518,0 |
| 2X10 | 15,6-19,9 | 192,0 | 343,0 |
| 3G10 | 16,8-21,4 | 288,0 | 500,0 |
| 4G10 | 18,6-23,6 | 384,0 | 691,0 |
| 5G10 | 20,4-25,9 | 480,0 | 864,0 |
| 2X16 | 17,9-22,8 | 307,0 | 554,0 |
| 3G16 | 19,5-24,7 | 461,0 | 830,0 |
| 4G16 | 21,3-27,0 | 614,0 | 1.106,0 |
| 5G16 | 23,7-30,0 | 768,0 | 1.382,0 |