

**Power cables**  
**G7 insulated, PVC, Armoured, PVC outer sheath**

**Type**

**G7/PVC/SWB/PVC 0,6/1 Kv**  
**FG7ORAR 0,6/1 Kv**

**Conductor**

Flexible red copper conductor according to IEC60228 cl. 5.

**Insulation**

Cross-linked compound G7

- Temperature range -60 + 90°C
- Temperature laying -5 + 90°C

**Laying up**

Core are twisted together

Identification cores :

- Brown, Blue / - Black, Grey, Brown / - Blue, Brown, Y/G / - Black, Blue, Brown, Grey
- Black, Blue, Brown, Grey, Y/G

**Bedding**

Polyvinylchloride extruded compound according to IEC60502

**Armour**

Galvanized steel wires bride according to IEC60502

**Outer sheath**

Polyvinylchloride extruded compound according to IEC60502 Colour black.

**Marking**

On the outer sheath " manufacturer's name, year & description cable " with ink-jet printer.

**Performance**

Flame retardant according to IEC60332.3

**Minimum bending radius**

10 times overall diameter

**Technical data & Electrical properties**

| Nominal cross section<br>mm <sup>2</sup> | Max d.c. conductor resist. a 20°C<br>ohm/Km | Two core       |                 | Three core     |                 | Four core      |                 | Four core plus G/V |                 |
|--|---|----------------|-----------------|----------------|-----------------|----------------|-----------------|--------------------|-----------------|
|  |   | Over. D.<br>mm | Weight<br>Kg/Km | Over. D.<br>mm | Weight<br>Kg/Km | Over. D.<br>mm | Weight<br>Kg/Km | Over. D.<br>mm     | Weight<br>Kg/Km |
| 1,5                                      | 13,7  | 13,4           | 300             | 13,8           | 320             | 15             | 390             | 16                 | 460             |
| 2,5                                      | 8,21  | 14             | 320             | 14,6           | 390             | 16             | 470             | 17,5               | 560             |
| 4  | 5,09  | 15,5           | 420             | 16             | 490             | 17,5           | 580             | 19                 | 700             |
| 6  | 3,39  | 17             | 540             | 18             | 610             | 19             | 760             | 21                 | 880             |