

SENSITHERM S.r.l.

Power cables
G7 insulated, PVC outer sheath



Type **G7/PVC 0,6/1 Kv**
FG7OR 0,6/1 Kv

Conductor

Stranded copper conductor according to IEC60228 cl. 5.

Insulation

Cross-linked Polyethylene 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

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 mm ²	Max d.c. conductor resist. a 20°C ohm/Km	Two core		Three core		Four core		Four core plus G/V	
		Over. D. mm	Weight Kg/Km	Over. D. mm	Weight Kg/Km	Over. D. mm	Weight Kg/Km	Over. D. mm	Weight Kg/Km
1,5	13,7	9,4	120	10,4	170	11,2	200	12,7	250
2,5	8,21	10,4	160	11,4	210	12,2	260	14	320
4	5,09	11,4	200	12,4	270	13,5	340	15	420
6	3,39	13	260	13,6	360	15,5	440	17	550