

## Technical data sheet of a heating cable ADPSV

According IEC 60800:2009

### CONSTRUCTION:

**Cable core:** double cord stranded resistance wire (7 strands)

**1.st insulation:** fluoropolymer - 0,25 mm thickness

**2.nd insulation:** cross-linked polyethylene (XLPE) - 0,6 mm thickness

**Protection screen:** 7 tinned copper wires Ø 0,3 mm + AIPET foil

**Jacket:** PVC 105°C (UV protected) - 0,8 mm thickness

### RESISTANCE RANGE (OHM/M):

38,72 / 14,02 / 8,96 / 5,23 / 3,58 / 2,57 / 1,71 / 1,38 / 0,93 / 0,64 / 0,42 / 0,31 / 0,196 / 0,136

### OUTER CABLE DIAMETER:

5,3 – 5,9 mm

### PERMANENT HEATING ENDURANCE:

-30 up to +80°C (temperature during installation min. -5°C)

over 160W/m<sup>2</sup> is necessary to use floor probe with max. temperature setting 35°C

### MAX.POWER LOADING:

30W/m

### OPERATING VOLTAGE:

230V / 400V

### COVERING:

IP 67

### CLASS OF MECHANICAL ENDURANCE

M2 – suitable for instalation with higher risk of mechanical damage

### MINIMUM INSIDE BENDING RADIUS:

Six times the outside diameter of the cable

### UV- PROTECTION:

Yes

### SELF-EXTINGUISHING:

Yes

### JACKET COLOUR:

Black

### APPLICATION:

TYPE	Availability	Max. loading
Floor heating in habitable rooms	Yes	18 W/m
Outdoor surfaces warming	Yes	30 W/m
Protection of pipes against freezing	Yes	10 W/m
Pipes warming	Yes	10 W/m
Removing ice and snow from roofs and gutters	Yes	30 W/m

### MARKINGS:

HEATING CABLE \* ADPSV \* xxx Ohm / m \* 300/500V \* M2 \* IEC 60800 \* CE \* week/year



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