

# Technical list of a heating cable: ADPSV

## CONSTRUCTION:

**Cable core:** double cord solid resistance wire

**1.st insulation:** ethylene-tetrafluorethylene copolymer

**2.nd insulation:** cross-linked polyethylene

**Protection screen:** 14 tinned copper wires Ø 0,3 mm + AlPET foil

**Jacket:** PVC therm resistan

## 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:

5,2 – 6,2 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:

20W/m

## OPERATING VOLTAGE:

230V

## COVERING:

IP 67

## RESISTANCE TO SCREEN PENETRATION (according to IEC 800, article 1.7.3.3.)

Yes

## CLASS OF MECHANICAL ENDURANCE (according to IEC 800, article 1.5.)

C

## MIN. CABLE BEND DIAMETER:

Octuple of cable diameter

## U-V 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	20 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	20 W/m