

# Technical list of a heating cable : **ADSV**

## CONSTRUCTION:

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

**Insulation:** ETFE 0,3mm

**Protection screen: full screen** (14 tinned copper wires  $\varnothing$  0,3 mm + ALPET foil )

**Jacket:** PVC therm resistant (90°C ) 0,8mm

## RESISTANCE RANGE (OHM/M):

38,72 / 14,02 / 8,96 / 5,23 / 3,58 / 2,57 / 2,05 / 1,38 / 0,93 / 0,64 / 0,42 / 0,31 / 0,196 / 0,136

## OUTER CABLE DIAMETER:

3,6 – 4,8 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:

18W/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.)

B - class

## MIN. CABLE BEND DIAMETER:

Octuple of cable diameter

## U-V PROTECTION:

No

## SELF-EXTINGUISHING:

Yes

## JACKET COLOUR:

orange

## APPLICATION:

| TYPE   | Availability | Max. loading |
|--|--------------|--------------|
| Floor heating in habitable rooms             | Yes          | 18 W/m       |
| Outdoor surfaces warming                     | No           | -            |
| Protection of pipes against freezing         | Yes          | 10W/m        |
| Pipes warming                                | Yes          | 10W/m        |
| Removing ice and snow from roofs and gutters | No           | -            |