



Technical data sheet of a heating cable: ADPSV

According IEC 60800:2009

CONSTRUCTION:

Cable core: double cord solid resistance wire

1.st insulation: fluoropolymer - 0,3 mm thickness

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

Protection screen: 7 tinned copper wires \varnothing 0,3 mm + AIPET foil

Jacket: PVC therm resistant 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:

5,2 – 5,9 mm

PERMANENT HEATING ENDURANCE:

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

over 160W/m² is necessary to use floor probe with max. temperature setting 35°C

MAX.POWER LOADING:

30W/m

OPERATING VOLTAGE:

230V

COVERING:

IP 67

CLASS OF MECHANICAL ENDURANCE

M2 – suitable for installation 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	20 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	20 W/m

MARKINGS:

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