

Technical list of a heating cable: MPSV

CONSTRUCTION:

Cable core: stranded resistance wire

Insulation: cross-linked polyethylene XLPE 1mm

Protection screen: 14 tinned copper wires \varnothing 0,3 mm + AlPET foil

Jacket: PVC therm-resistant (90°C) 8mm

RESISTANCE RANGE (OHM/M):

9,0 / 6,5 / 3,2 / 1,35 / 1,0 / 0,6 / 0,36 / 0,183 / 0,04

OUTER CABLE DIAMETER:

4,8 – 5,6 mm

PERMANENT HEATING ENDURANCE:

-20 up to +80°C (temperature during installation min. -5°C)

over 160W/m² is necessary to use floor probe with max. temperature setting 40°C

MAX. POWER LOADING:

25W/m

OPERATING VOLTAGE:

230/400V

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 – medium mechanical strength

MIN. CABLE BEND DIAMETER:

Octuple of cable diameter (60 mm)

U-V- 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	25 W/m
Protection of pipes against freezing	Yes	15 W/m
Pipes warming	Yes	15 W/m
Removing ice and snow from roofs and gutters	Yes	25 W/m