



Technical data sheet of a heating cable : RDSV - RED

According IEC 60800:2009

CONSTRUCTION:

Cable core: double cord solid resistance wire

Insulation: ThermoPlastic Copolyester - 0,3 mm thickness

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

Jacket: PVC therm resistant (105°C) - 0,8mm thickness

RESISTANCE RANGE (OHM/M):

122,5 / 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:

3,5 – 4,6 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:

18W/m

OPERATING VOLTAGE:

230V

COVERING:

IP 67

CLASS OF MECHANICAL ENDURANCE

M1 – suitable for installation with low risk of mechanical damage

MINIMUM INSIDE BENDING RADIUS:

Six times the outside diameter of the cable

U-V- PROTECTION:

No

SELF-EXTINGUISHING:

Yes

JACKET COLOUR:

red

APPLICATION:

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

MARKINGS:

HEATING CABLE * RDSV * xxx Ohm / m * 300/500V * M1 * IEC 60800 * CE * week / year