

## Freeze Protection Cable – FPC-SR 12Watt

Frost Protection cable (FPC-SR)-12 W/m are designed for on pipe as well as in pipe applications in domestic and commercial requirement to protect the water from freezing.

Freeze protection cable (FPC-SR) consists of a self-regulating parallel circuit of a semi-conductive heating core extruded over plated copper bus wires. Modified Polyolefin insulation over semi-conductive heating core provides electrical insulation; metal sheathing is provided over the electrical insulation to give a continuous ground path. Modified Polyolefin outer sheath provided for mechanical strength and makes the heating cable moisture resistance.

### **Specification:**

<b>Approvals</b>	Certified by SGS Fimko as per IEC 60800 Standards.
<b>Power output</b>	12 W/m at 10°C
<b>Voltage Supply</b>	230 V AC, 50 Hz
<b>Bus Bar</b>	Coated Copper, 0.56 sqmm
<b>Insulation</b>	Modified polyolefin
<b>Metal Sheathing</b>	Copper drain wire with Alumunium mylar tape
<b>Outer sheath</b>	Modified polyolefin
<b>Min. Installation Temperature</b>	-30° C
<b>Application Temperature up to</b>	-30° C
<b>Operating Temperature – Switched on</b>	Max 65° C
<b>Operating Temperature- Switched off</b>	Max 65° C (1000 hours cumulative)
<b>Minimum Bending Radius</b>	25mm
<b>Circuit Breaker</b>	Max. 16 A
<b>Dimensions of cable</b>	7.75 x 5.10 ± 0.35 mm

### **Power output Graph:**

