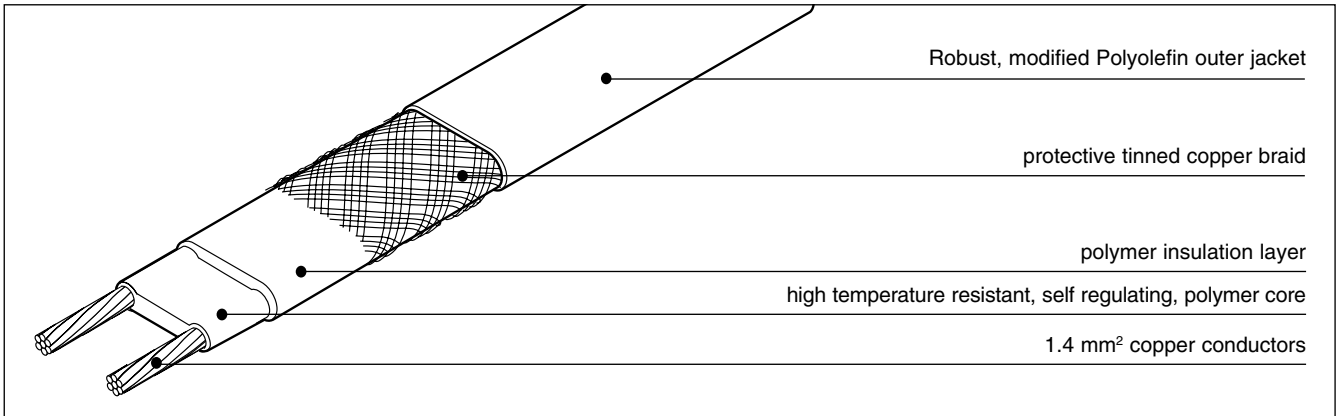# Advanced frost protection of central heating pipework

High Temperature resistant Self Regulating heating cable system FS-C10-2X

The FS-C10-2X self regulating heating cable protects pipes against frost damage. The cable is installed on the pipe under the insulation. It is designed for indoor and outdoor installation. FS-C10-2X is available with a power output of 10W/m at 5°C. Its unique design combines high temperature resistance with long circuit lengths.

Construction

Robust, modified Polyolefin outer jacket

protective tinned copper braid

polymer insulation layer

high temperature resistant, self regulating, polymer core

1.4 mm^2 copper conductors

Product features

- Cut to length.
- High temperature resistance to 90°C.
- Long circuit length capability from a single power supply.
- Reduced total installed costs.
- Zero maintenance once installed.
- No risk of overheating due to self regulating characteristics.
- For use with Raychem "Smart" energy efficient controls.

Technical specification

Nominal Voltage	230 Vac
Nominal Power Output	10 W/m at 5°C.
C Type Circuit breaker sizing	20A
Max. Circuit length	180 m
Minimum Bend Radius	10 mm
Max. continuous exposure Temperature	90°C
Max. exposure temperature (power-on condition - 800 hours cumulative.)	90°C
Dimensions (Width & Height)	16 x 6.8
Weight	0.14 kg/m
Approvals	CE, VDE (VDE pending)
Associated Controls	RAYSTAT-CONTROL-10
Associated Accessories	JB-16-02 Junction Box JB-SB-08 Junction box support bracket CE20-01 connection and end seal kit (M20 gland) CE25-21 connection and end seal kit (M25 gland) CCE-04-CT cold lead connection and end seal kit. S-19 Splice kit. Recommended: RAYSTAT-CONTROL-10 Smart line sensing control Or: AT-TS-14 line sensing control (for circuits up to 150 m)