

# CRJ SELF-REGULATING HEAT CABLES

## What is Self-Regulating Heat Cable?

A cable which prevents water from freezing in metal and plastic pipes. This clever cable adjusts its output depending on your pipe's temperature which reduces running costs. The cable is commonly installed on sprinkler systems, in farms and commercial premises. It is often referred to as 'trace heating cable.'



## Key Features

- Supplied by the metre - order as much or as little as required
- Power consumption decreases as pipe temperature increases
- Can be cut to length on site
- Full length earth braid and thermoplastic outer jacket
- Installed onto pipe under insulation



### Energy Saving Tip

Control your cable with a frost thermostat to ensure your cable only energizes when the ambient temperature drops below freezing.

## Cables

Model	W/m	Voltage	Maximum Exposure Temperature (°C)		Max Circuit Length
			On	Off	
CRJ-10	10	230	85	85	176m
CRJ-25	25	230	85	85	120m









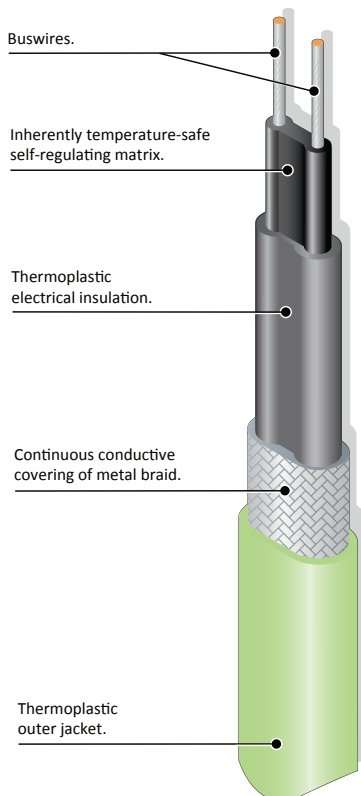
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## Accessories

Model	Description
 CRJ-T1	Termination Kit (one per circuit) uses shrink on material. Prepares cable for electrical connection and seals the far end.
 CRJ-S	Splice/T Kit - one for every splice or T joint.
 PF-T	Fixing Tape (33m x 19mm) for fixing cable to pipe - max temp 80 °C
 AL-50	Aluminium Tape (45m x 50mm) - for wrapping plastic pipes before installing cable or for fixing cable to pipe - max temp 110°C (note maximum exposure temp of cable)
 PF-L	Caution Label (10 pack) apply to outside of insulation for safety
 FST3-EX	Frost Thermostat Outdoor Use IP66 (20A) - see page 115



## Pipe Freeze Protection - Selection Table

- Minimum ambient: -15°C
- Mineral wool insulation
- Cable installed in a straight line
- Frost thermostat always recommended

Pipe outside diameter	Insulation thickness (mm)		
	12	25	50
12mm	CRJ-10	CRJ-10	CRJ-10
25mm	CRJ-10	CRJ-10	CRJ-10
50mm	CRJ-25	CRJ-10	CRJ-10
75mm	CRJ-25	CRJ-25	CRJ-10
100mm	-	CRJ-25	CRJ-10
150mm	-	CRJ-25	CRJ-25







## Water Treatment Facility

Location: Multiple UK Locations

Installed: CRJ-25 Cable