

**Maximum use length of 12v Self-limiting temperature heating cable heat trace cable?**

The most widely used self-limiting temperature heating cables on the market are 110v 120v heating cables and 220v heating cables. The [12v self-limiting temperature heating cables](#) are used in solar and wind energy applications to prevent freezing of pipes and small diameter hoses, electrical appliances and comfort heating, and antifreeze of condensate. Ideal for oil pipes, hydraulic hoses, pumps and compressed air systems.

**12v Self-limiting temperature heating cable Electrical Specifications**

Self-regulating/conductive polymer heating cable

Thermo Plastic Elastomer (TPE) outer jacket

12 volt, – 3 watt/ft. (9W/m) at 50°F (10°C) maximum length of 40 ft. (12m)

12 volt, – 5 watt/ft. (15W/m) at 50°F (10°C) maximum length of 30 ft. (9m)

24 volt, – 3 watt/ft. (9W/m) at 50°F (10°C) maximum length 60 ft. (18m)

Lengths up to 25 ft: 6 ft. (1.8 m), 14 AWG SJEOOW supply cord for direct hardwire connection, additional inline fuse protection required

Lengths greater than 25 ft: 6 ft. (1.8 m), 12 AWG SJEOOW supply cord for direct hardwire connection, additional inline fuse protection required

**12v Self-limiting temperature heating cable Plumbing Specifications**

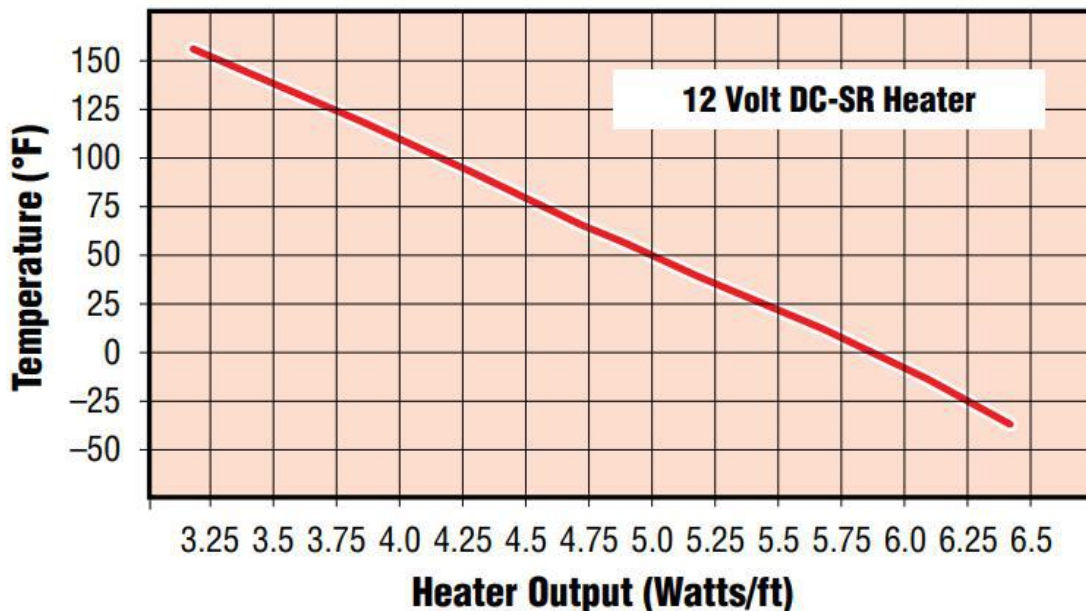
Suitable for pipes of all diameters both metallic and non-metallic

Nominal heating cable thickness 0.25 in. (6mm) / width 0.50 in.(12.5mm)

Direct earth burial and wet location suitable

Suitable for exposure temperatures up to 150°F (65°C)

5W/Ft 12v Self-limiting temperature heating cable Performance



**12v Self-limiting temperature heating cable** common problem

Does a 24-volt system use less power than a 12-volt system?

No – Energy efficiency has nothing to do with the designated voltage. We pay and consume energy in watts, not in volts. For instance, a 5W/ft (15W/m) self-regulating 12 volt system would consume more energy at similar temperatures than a 3W/ft (9W/m) self-regulating 24 volt system.

Is 12v heating cable safe to use on plastic pipes?

**12v Self-limiting temperature heating cable** system is approved for use on all metallic and non-metallic pipe applications. The advanced self-regulating technology employed in the Kompensator product renders it safe on plastic pipes even when dry as it can never overheat and damage the pipes.