

TEMPERATURE MAINTENANCE SYSTEMS

FSO - FSO/T - FSO/TP Self-regulating cables



Characteristics

- Can be cut to length on site.
- Will not self-destruct by overheating.
- Power supply 230 V.
- Available as 10, 20, 30 or 40 W/m at + 10°C.
- FSO : self-regulating cables thermoplastic insulation.
- FSO/T : with tinned copper braid for mechanical protection and heating.
- FSO/TP : with tinned copper braid and outer thermoplastic anticorrosion sheath.
- Special production on request.

Applications

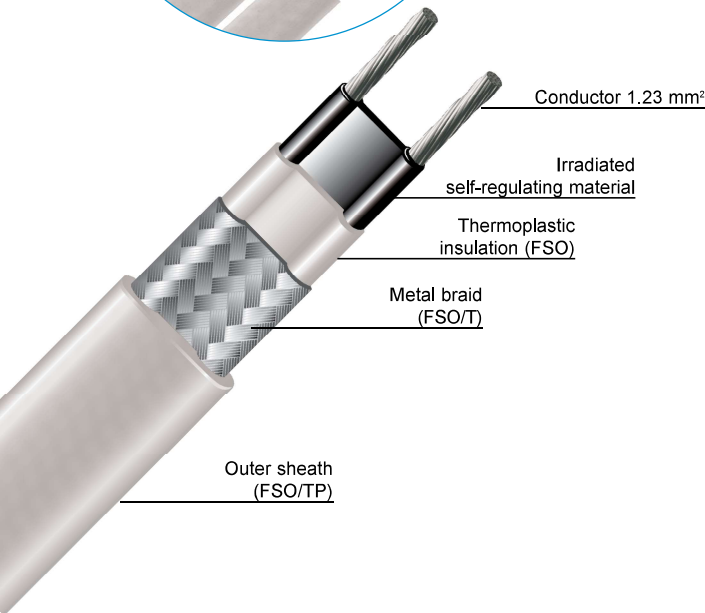
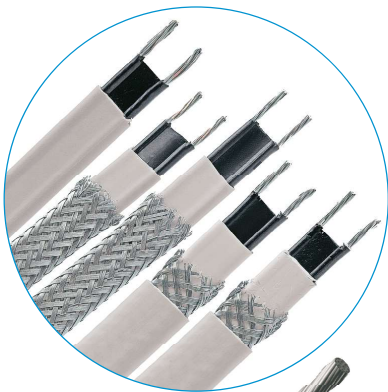
Self-regulating cables of the FSO range are used to protect against freezing or to maintain moderate temperatures.

To ensure that these heating elements enjoy a long service life, we recommend using a control device.

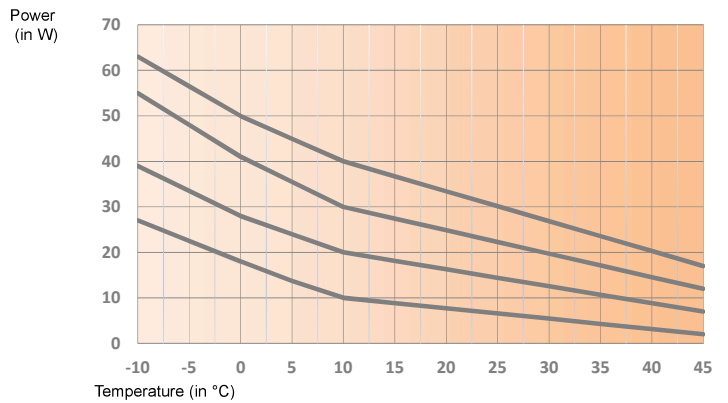


Standards

- CEI 62395-1
- CEI 62395-2



Power output according to pipe temperature



Use

Consult the pages of our catalogue devoted to the corresponding general operating principles, general instructions for use and accessories..

| | FSO 10 | FSO 20 | FSO 30 | FSO 40 | |
|----------------------------------|---|--------|--------|--------|------|
| Dimensions tolerances +/- 0.3 mm | FSO : 9.7 x 3.8 mm FSO/T : 10.65 x 4.35 mm FSO/TP : 12.25 x 6.35 mm | | | | |
| Power at 10°C | 10 W/m | 20 W/m | 30 W/m | 40 W/m | |
| Permissible surface temperature | Unenergized circuit : max. + 65°C Energized circuit : max. + 50°C | | | | |
| Max. circuit length | | | | | |
| 16A | -20°C | 180 m | 90 m | 70 m | 50 m |
| | 10°C | 200 m | 120 m | 80 m | 70 m |
| 20A | -20°C | 230 m | 120 m | 90 m | 65 m |
| | 10°C | 230 m | 140 m | 110 m | 80 m |
| Ingress protection code | IP 54 with our kits | | | | |
| Min. bending radius | 6 x the thickness of cable | | | | |