

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

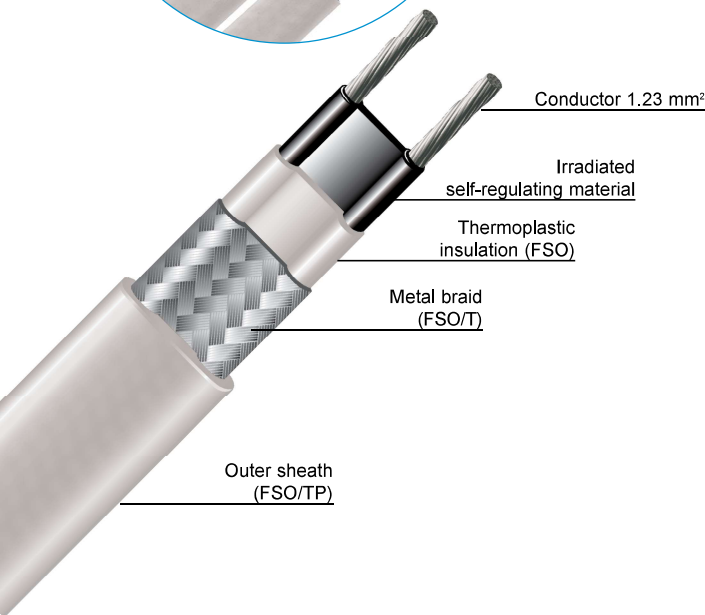
Self-regulating cables of the FSO range are used to protect against freezing or to maintain moderate temperatures.

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

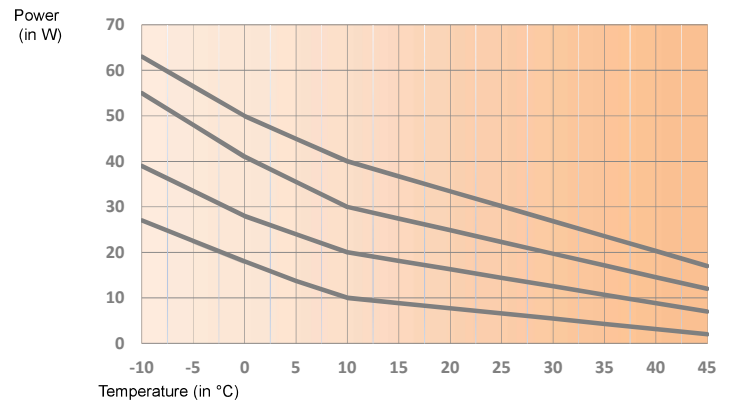


Standards

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			