



光塔科技
LIGHT TOWER TECHNOLOGY

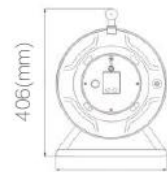


Your Vision is Our Mission.

Optical Fiber Fire Rescue Lighting Line

In environments with low visibility such as fire and smoke, the luminous wire used to guide the escape route, which consists of a power supply system, a luminous line body, and a winding turntable.

- *High Brightness*
- *Low Power Consump*
- *Long Duration*
- *Long Distance*
- *Excellent Waterproof*
- *Small Volume*
- *Light Weight*
- *No electricity*
- *No Temperature Rise*
- *High Temperature Endurance*



305(mm)

214.5(mm)

φ 3.5(mm)



● 钢绞线

Steel wire rope

● 光纤

SiO₂

φ 4.6(mm)



● 钢绞线

Steel wire rope

● 通信光纤

SiO₂

● 能量光纤

SiO₂

Fire Rescue



Wild Escape



Security Guide



Forest Search &
Rescue



Water Rescue



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Optical Fiber Fire Rescue Lighting Line

常规型 Conventional Type

规格型号

JZ100Z-CS
JZ100Z-CS/H
JZ200Z-CS
JZ200Z-CS/L
JZ300Z-CS



便携型 Portable Type

规格型号

JZ50Z-CS



*Customized Item

防爆型 Explosion-proof Type

规格型号

JZ100Z-BCS
JZ200Z-BCS



通讯型 Communication Type

规格型号

JZ100Z-CS/T
JZ200Z-CS/T

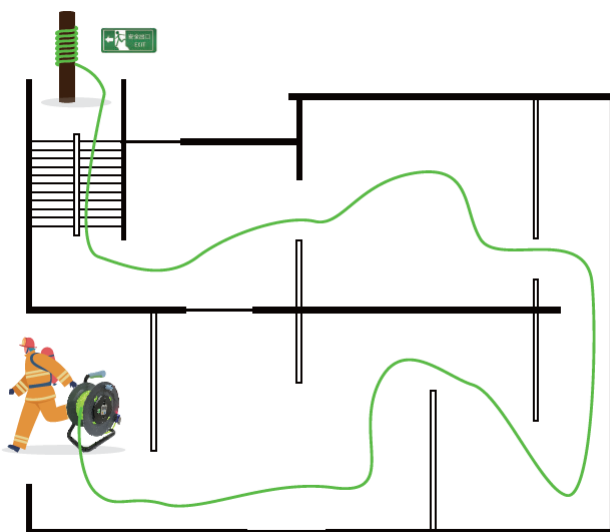




Optical Fiber Fire Rescue Lighting Line

Luminous brightness	10~ 40 cd/m2
Luminescent material	SiO2
Line length	50 / 100 / 200 / 300 / 500 meters
Continuous operating hours	>14 hours (constant-on) >28 hours (flash)
Photoelectric conversion efficiency	30~35%
Battery capacity	10.4Ah
Operating voltage	Input DV12V, 0V
Line working current	0V
Battery model	Li-ion
Weight	1.6~7.8kg
Size	406 x 305 x 214.5mm (conventional model)
Line Diameter	3.5mm (standard) / 4.6 (communication)
Line material	Quartz fiber, Steel wire rope, Plastic PVC
Flashing Frequency	1.5Hz
Tensile strength	>1100N (metal wire only)
Compressive strength	Pass
Waterproofness	IP66 / IP67 / IP68 (depends on models)
Max surface temperature	No temperature rise (same as environmental temperature)

Building oriented rescue solution



LIGHTING GUIDE



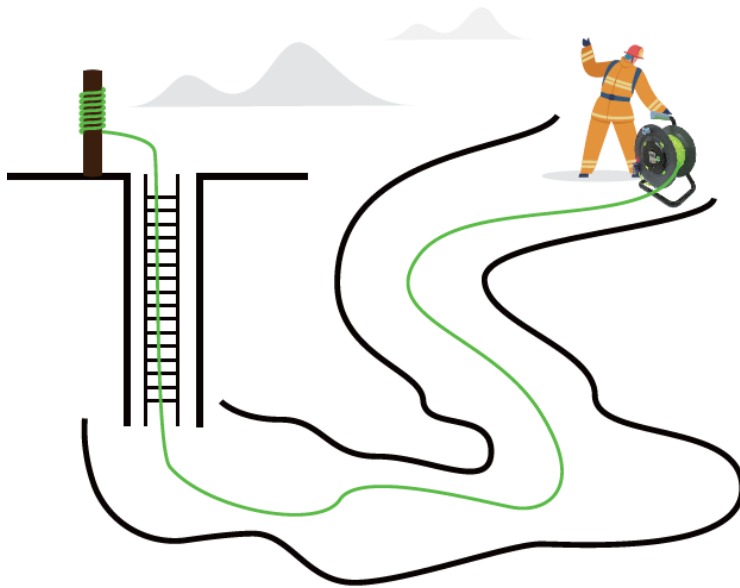
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Optical Fiber Fire Rescue Lighting Line

Underground passage oriented rescue solution



**STRONG
PENETRABILITY
SOFT & BENDABLE**

Underwater oriented rescue solution

**NO ELECTRICITY
NO ELECTRICAL
SAFETY HAZARDS**



<http://www.eastgear-int.com>



info@eastgear-int.com



@egearint



@East Gear