

FEATURES

- The cable is flexible and adaptable to various installation scenarios, including complex bends in pipes
- Uniform resistance and small error ensure stable and accurate leak location
- Waterproof connectors are easily expandable, and the patented structure provides enhanced resistance to interference and durability



DESCRIPTION

LFLX11 Leak Detection and Location Cable can detect leaks at any point along a cable, making it suitable for various locations with a risk of leakage. When connected to the leak detection controller, the cable forms a leak detection system with high accuracy and rapid, reliable response. The detection cable is made of two light, high-density polyethylene conductors pressed around a spiral axis. Compared to parallel structures, the spiral structure reduces environmental electromagnetic interference and false alarm rates, while significantly improving cable strength and lifespan. It also features an automatic recovery function and is reusable.

SPECIFICATION

Item	Specification
Cable diameter	Φ6.0±0.2mm
Sensor line	2×30 AWG, with conductive fluoropolymer sheath
Cable frame	yellow
Number of wire cores	4
Cable weight	500g/15m±10g/15m
Cable resistance	13Ω/m
Abrasion resistance	>65 cycles
Tensile strength	≤90kg
Fire resistance	Level 2 cable
Operating ambient temperature	-20~75° C
Flame retardant rating	According to UL94-2017 standard, it meets V0 level.
Alarm leakage level (tap water)	Leakage sensing at any location along the line: maximum 30 mm

ORDER REF NO

Code and Explanation							Note
LFLX11	DDX	LFLX11 Leak Detection and Location Cable					Leak Detection Cable Type
		X03	3 M				Leak Detection Cable Length
		X05	5 M				
		X10	10 M				
		XDZ	Customized				
			J01	1pack Adhesive Mounting Pads			Quantity of Adhesive Mounting Pads
			J00	Without Adhesive Mounting Pads			
				Y01	1pc lead cable provided		Quantity of Lead Cable
				Y00	No lead cable		
					Z01	1pc Termina end	Quantity of Termination End
					Z00	No Termina end	
LFLX11	DDX	X10	J01	Y01	Z01	Model Selection Example	