



SC: SeaHawk Water Leak Detection Cable

Designed for use with our SeaHawk LD5000 and LDZ panels, RLE's patented SeaHawk Water Leak Detection Cable reliably senses the presence of water or any other conductive fluid. The cable is durable, fast drying, easy to clean and able to resist damage from most contaminants. Its unique design allows it to lie flat after installation as it resists bends and kinks.

The cable's abrasion-resistant polymer core increases its strength and durability. The cable is constructed from non-conductive polymers. Unlike other manufacturer's systems, RLE's cable design virtually eliminates shorts or false alarms that may result when cable comes into contact with spiral wrap conduit, raised floor pedestals or other metal objects.

When connected to one of our zone control panels (SeaHawk LDZ Series), our water leak detection cable senses the presence of water in each zone and the panel indicates which zone is in alarm. When connected to our distance read panel (SeaHawk LD5000), our water leak detection cable not only determines the presence of a fluid, but also pinpoints the exact location of the fluid along the cable route.



SeaHawk Water Leak Detection Cable is sold in pre-measured lengths with longer, custom lengths also available. The cable's ends terminate with mating connectors which can be connected end-to-end if extra length is needed. This modular design makes installation and expansion of existing water leak detection systems quick and easy.



Water Leak Detection Cable Features

- Used with other SeaHawk Water Leak Detection Products to sense the presence and/or location of fluids
- Thermally bonded polymer coated carrier increases strength & durability
- Non-conductive polymer construction virtually eliminates false alarms
- Strong, durable and abrasion resistant
- Easy installation & expansion with mating end connectors
- Highly flexible so it lies flat after installation
- Resists bends and kinks making installation quick and easy
- Available in pre-measured and custom lengths with pre-installed end connectors; bulk quantities also available
- Plenum rated and UL listed

Installation & Setup

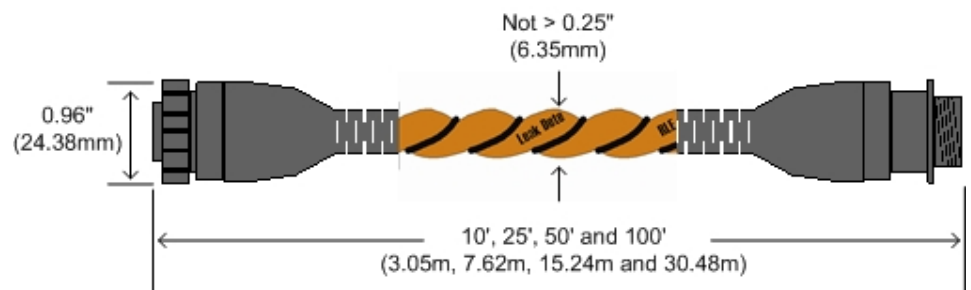
1. Connect the Water Leak Detection Cable to control panel's leader cable.
2. Prior to J-clip attachment, prepare the floor surface - clean with denatured alcohol.
3. Unroll the wire; do not allow kinks to develop in the wire. Lay the cable per installation drawings. Mark the drawings with any variances.
4. Place J-clips every 3' to 4' (0.9m to 1.2m) plus one at each turn in the cable.
5. Avoid placing the cable directly under or in front of an air conditioning unit. If you must place the cable in front of a down flow air conditioner, the cable should be placed at least 6' away. Use one J-clip every 12" - 18" (0.3m - 0.45m) to keep the cable firmly affixed to the floor.
6. When running cable over obstructing objects, affix one J-clip on either side of the object, as close as possible to the object.

As with all RLE Technologies' products, customer support and installation assistance is available. Just call RLE at 1-800-518-1519. We're glad to be of service.

Water Leak Detection Cable Technical Specifications

Plenum Rating	CL2P/CMP C(UL)
Sheer Strength	>180 lbs. (>81.65kg)
Cut Through Resistance	>40 lbs. (>18.14kg) with .005" (0.127mm) blade
Abrasion Resistance	60 cycles per UL 719
Connector	4 pin, 0.96" (24.38mm) diameter
Operating Environment	
Temperature	32° to 167°F (0° to 75°C)
Humidity	5% to 95% RH, non-condensing
Altitude	10,000' (3,048m) max.
Storage Environment	-22° to 185°F (-30° to 85°C)
Dimensions	Diameter of cable not to exceed 0.25" (6.35mm).
SC-10	10' (3.05m)
SC-25	25' (7.62m)
SC-50	50' (15.24m)
SC-100	100' (30.48m)
SC-CL-xx	Custom lengths (<i>available upon request</i>)
Weight	.02 lbs/ft (29.74g/m)
Certifications	UL STD E162948

Water Leak Detection Cable Detail



Although the information contained in this document is believed to be accurate and correct, RLE Technologies assumes no responsibility, and disclaims all liability, for any damages resulting from the use of this information or any error or omission in this document. Further, RLE Technologies does not warrant, guarantee, or make any representations as to the performance, fitness for use, safety, or reliability of any existing or future wiring, equipment, additions or modifications to equipment, or any other component of the original or modified system.

Warranty

Products manufactured by RLE Technologies are warranted to be free from defects in materials and workmanship for one year after the date of shipment. Such warranty is limited to parts and labor to repair or replace such RLE products that are found to be defective. To ensure warranty coverage, all installation and other instructions must be followed properly. All installation and setup work must be performed by qualified personnel who are knowledgeable of the equipment and aware of appropriate safety, wiring, and other applicable practices.

Specifications are subject to change without notice.