

Monitor. Integrate. Alert. Peace of Mind.

Applications

- Place around the perimeter of rooms
- Serpentine under raised floors
- Install inside drop ceilings
- Affix to the bottom of pipes
- Secure around floor drains and under plumbing fixtures
- Encapsulate storage tanks and cooling equipment
- Protect your liquid- or air-cooled data center

Key Features

- Detects any conductive fluid
- Detects PG25
- Designed to eliminate false alarms
- Fast drying; quickly resets to detect the next leak
- Plenum (CL2P) rated
- Durable yet flexible design
- Patented since 2000
- Available in standard and custom lengths with pre-installed twist-lock connectors



Patented Protection From Even The Smallest Leaks

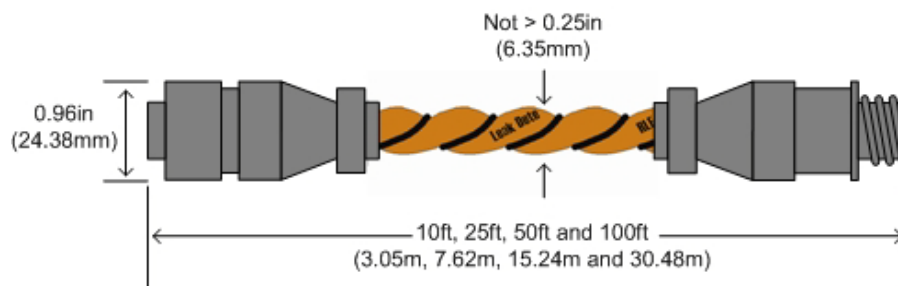
RLE's sensing cable (SC) reliably detects water and other conductive fluid leaks, protecting facilities from damage and downtime.

What Sets RLE's Sensing Cable Apart?

- **Leaders in the industry.** RLE has designed and manufactured leak detection for more than 30 years and over 14 million feet of our patented SC is currently installed in facilities worldwide.
- **Encapsulate at-risk areas and sources of leaks.** Conductive fluid contact at any point along the length of the cable triggers an alarm condition.
- **Engineered for reliability.** Sensing wires are covered with a non-conductive polymer mesh; dirt, dust, and contact with metal will not generate false alarms.
- **Constant oversight.** Four wire construction allows the system to continually monitor the cable and identify damaged or disconnected cables.
- **Support detection of leaks of Propylene Glycol / water mixtures.** Detects blends with up to 35% Propylene Glycol (by weight).

Sensing Cable • Compatible with all RLE leak detection controllers and the WiNG-LD

Product Codes	
SC-3	3ft (0.91m) sensing cable; conductive fluids, pre-installed male/female connectors
SC-10	10ft (3.05m) sensing cable; conductive fluids, pre-installed male/female connectors
SC-17	17ft (5.18m) sensing cable; conductive fluids, pre-installed male/female connectors
SC-25	25ft (7.62m) sensing cable; conductive fluids, pre-installed male/female connectors
SC-50	50ft / 15.24m sensing cable; conductive fluids, pre-installed male/female connectors
SC-100	100ft / 30.48m sensing cable; conductive fluids, pre-installed male/female connectors
SC-CL	Custom length sensing cables are available. Contact RLE for more information.
SC-CL-EOL	Sensing cable; conductive fluids, custom length, pre-installed EOL. Contact RLE for more information.
SC-CL-L-EOL	Sensing cable; conductive fluids, custom length, pre-installed leader cable and EOL. Contact RLE for more information.
SC-Bulk	Bulk cable is available. Contact RLE for more information.
JC-10, JC-25, JC-50, JC-200	J-clips; cable securing clips; use to secure cable every 3-4ft (1m). Available in qty of 10, 25, 50, and 200.
SC-T	Cable caution tags; qty 10; use to identify cable every 10ft (3m)



Sensing Cable Detail

Technical Specifications	
Plenum Rating	CL2P (UL)
Propylene Glycol Blends	Support detection of leaks of Propylene Glycol / water mixtures. Detects blends with up to 35% Propylene Glycol (by weight).
Sheer Strength	>180 lbs. (>81.65kg)
Cut Through Resistance	>40 lbs. (>18.14kg) with .005in (0.127mm) blade
Abrasion Resistance	60 cycles per UL 719
Connector	4 pin, 0.96in (24.38mm) diameter
Diameter of Cable	Not to exceed 0.25in (6.35mm)
Cable Bend Diameter	1.0in (25.4mm)
Radius	0.50in (12.70mm)
Operating Environment Temperature	32° to 167°F (0° to 75°C)
Humidity	5% to 95% RH, non-condensing
Altitude	15,000ft (4,572m) max.
Storage Environment	-22° to 185°F (-30° to 85°C)
Weight	.02lbs./ft (29.74g/m)
Certifications	CE; UL CL2P; RoHS Compliant; Plenum Rated; Patent No. 6,144,209

