



## Low Smoke, Zero Halogen Sensing Cable



RLE's patented SeaHawk sensing cable is used to reliably sense the presence of water or any conductive fluid. The sensing cable is durable, easy to clean, fast drying, and able to resist damage from most contaminants. The cable's abrasion-resistant polymer core increases its strength and durability. The cable is constructed from non-conductive polymers to help eliminate false alarms, and this cable's composition is specially formulated to receive a low smoke zero halogen (LSZH) materials classification. In the event of a fire, this cable produces a smaller quantity of smoke, and the smoke that is produced is less dense and less toxic than a non-LSZH sensing cable.

When connected to a SeaHawk single- or multi-zone controller, the sensing cable detects the presence of water in each zone, and the controller indicates which zone is in alarm. When connected to a SeaHawk distance read controller, the sensing cable not only determines the presence of a conductive fluid, but also pinpoints the exact location of the fluid along the cable route.

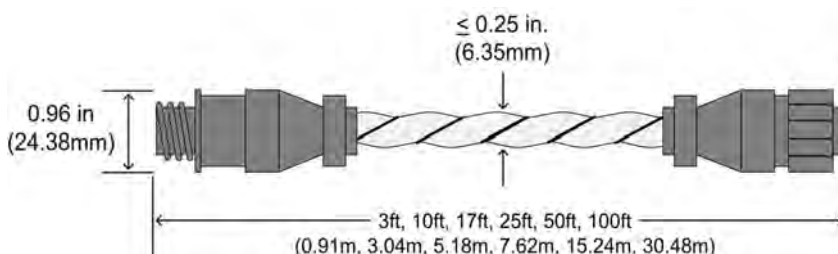
Sensing cable is available in standard and custom lengths. Each end of the cable contains mating connectors to make installation and expansion of existing leak detection systems quick and easy. RLE's sensing cable offers a reliable leak detection solution that mitigates potential water damage, costly business outages, and downtime.

### Features

- Non-conductive polymer construction
- Thermally bonded polymer-coated carrier
- Highly flexible
- Resists bends and kinks
- Available in standard and custom lengths with pre-installed end connectors
- LSZH and RoHS compliant

### Benefits

- Helps eliminate false alarms
- In the event of combustion, LSZH formulation produces smoke with a reduced quantity, density, and toxicity
- Strong, durable cable
- Lies flat after installation
- Quick, simple installation
- Easy system expansion
- Meets standard safety requirements



Low Smoke Zero Halogen Sensing Cable Detail

# Leak Detection

# Low Smoke, Zero Halogen Sensing Cable Specifications

<b>Rating</b>	LSZH
<b>Sheer Strength</b>	>180 lbs. (>81.65kg)
<b>Cut Through Resistance</b>	>40 lbs. (>18.14kg) with .005in (0.127mm) blade
<b>Abrasion Resistance</b>	60 cycles per UL 719
<b>Connector</b>	4 pin, 0.96in (24.38mm) diameter
<b>Operating Environment</b>	
Temperature	-13° to 194°F (-25° to 90°C)
Humidity	5% to 95% RH, non-condensing
Altitude	15,000ft (4,572m) max.
<b>Storage Environment</b>	-22° to 194°F (-30° to 90°C)
<b>Dimensions</b>	Diameter of cable not to exceed 0.25in (6.35mm)
SC-ZH-3	3ft (0.91m)
SC-ZH-10	10ft (3.05m)
SC-ZH-17	17ft (5.18m)
SC-ZH-25	25ft (7.62m)
SC-ZH-50	50ft (15.24m)
SC-ZH-100	100ft (30.48m)
SC-ZH-CL-xx	Custom Lengths (available upon request)
<b>Weight</b>	.02 lbs./ft (29.74g/m)
<b>Certifications</b>	CE; RoHS Compliant; LSZH IEC 60754-2 (Halogen Free), IEC 61034-1 (Low Smoke); Patent No. 6,144,209

