

FEATURES

- Non-conductive polymer construction
- Thermally bonded polymer-coated carrier
- Highly flexible
- Resists bends and kinks
- Available in standard lengths with pre-installed end connectors
- Plenum rated, UL listed, and RoHS Compliant

Benefits

- Helps eliminate false alarms
- Strong, durable cable
- Lies flat after installation
- Quick, simple installation
- Easy system expansion
- Meets standard safety requirements

Solution

Liebert® leak detection cable is used to reliably sense the presence of water or any conductive fluid. The leak detection 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 nonconductive polymers to help eliminate false alarms.

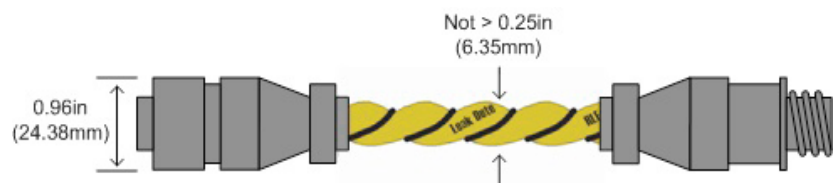
When connected to a LT460 zone detector, the leak detection cable detects the presence of water and the LT460 triggers an alarm. When connected to a Liqui-TECT controller,

the leak detection cable not only determines the presence of a conductive fluid, but also pinpoints the exact location of the fluid along the cable route.

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

SPECIFICATIONS

Sheer Strength	>180 lbs. (>81.65 kg)
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
Operating Environment	
Temperature	32° to 167° F (0° to 75° C)
Humidity	5% to 95% RH, non-condensing
Altitude	15,000 ft (4,572m) max.
Storage Environment	-22° to 185° F (-30° to 85° C)
Dimensions	
LT500-15Y	15' (4.57m)
LT500-35Y	35' (10.67m)
LT500-50Y	50' (15.24m)
Certifications	CE; UL CL2P; RoHS Compliant; Plenum Rated



Solution

The branch connector (LT500-BC) allows for branching of leak detection cable and jumper cable. With one input and three outputs, the branch connector addresses the need for multidirectional cable runs. Each of the three outputs have a built-in weighted cable connector to simulate 35 feet (10.67m) of leak detection cable and provide for enhanced leak location identification. The branch connector includes two end terminators. Multiple branch connectors can be used in a distance read system without affecting the read accuracy.



SPECIFICATIONS	BRANCH CONNECTOR
Inputs	One-input
Outputs	Three; each output simulates 35' of leak detection cable
End Terminators	Two - Supplied
Operating Environment	
Temperature	32° to 122° F (0° to 50° C)
Humidity	5% to 95% RH, non-condensing
Altitude	15,000 ft (4,572m) max.
Storage Environment	-22° to 185° F (-30° to 85° C)
Dimensions	2.0"W x 9.0"H x 3.0"D (50.8mmW x 22.9mmH x 76.2mmD)
Weight	5.5 oz. (156g)
Certifications	CE; ETL listed: conforms to UL STD 61010-1, EN STD 61010; RoHS compliant

