Vertiv™ Liebert® Liqui-Tect™

Cable and Accessories

Features

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

Benefits

- Quick response time
- Strong, durable cable
- Lies flat after installation
- Quick, simple installation
- Easy system expansion
- Meets standard safety requirements

Leak Detection Cables

Vertiv™ Liebert® leak detection cables are used to reliably sense the presence of water or any conductive fluid. The leak detection cable is durable, easy to clean, fast drying, and resists 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.

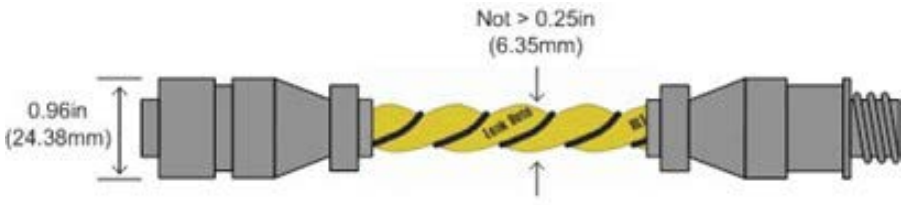
When connected to a LT460 zone detector, the leak detection cable detects the presence of water and the LT460 triggers an alarm.

When connected to a Vertiv™ Liebert® Liqui-Tect™ controller the leak detection cable detects the presence of a conductive fluid while also pinpointing the location of the fluid along the cable route.

Leak detection cable is available in standard lengths. Each end of the cable contains 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	Diameter of cable not to exceed 0.25in (6.35mm)
Parts	
LT500-10Y	10' (3.05m)
LT500-15Y	15' (4.57m)
LT500-35Y	35' (10.67mm)
LT500-50Y	50' (15.24mm)
Certifications	CE; UL CL2P; RoHS Compliant; Plenum Rated



Branch Connecter, LT500-BC

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 are used in a distance read system without affecting the read accuracy.

Specifications	Branch Connector
Inputs	>180 lbs. (>81.65 kg)
Outputs	>40 lbs. (>18.14kg) with .005in (0.127mm) blade
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 0.90"H x 3.0"D (50.8mmW x 22.9mmH x 76.2mmD)
Weight	5.e5 oz. (156g)
Certifications	CE; ETL listed: conforms to UL STD 61010-1, EN STD 61010; RoHS compliant

End of Line Terminator, LT500-ET

The End of Line Terminator (LT500-ET) ends a run of leak detection cable. This can be from cable run from a branch connector on a distance read system, the end of a run from distance read controller without a branch connector or by terminating the end of cabling used with the LT460 zone reader. If a cable run is not terminated it will give a cable break alarm.

Specifications	End of Line Terminator
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	1.5" L, x 0.5" W (38mmL x 13mmW)
Weight	0.3 oz (11g)

Weighted Line Connector, LT500-WL

The Weighted Line Connector (LT500-WL) adds a reading of 50 feet of leak detection cable into a distance read system.

Specifications	Weighted Line Connector
Weight	0.6oz (17g)
Dimensions	2.5"L x 0.10"W (64mmL x 25mmW)
Certifications	Plenum Rated; CE; ETL Listed: conforms to UL STD 61010-1, EN STD 61010-1; RoHS Compliant
Standard	NEC Article 725-CL2P, CMP, MPP

Jumper Cables, JCx

Jumper cables can be used to connect leak detection cable to a distance read or zone controller. Jumper cables are also used to bridge gaps between leak detection cables, whether it is around a door, across a section of floor or another area that helps continue a run of cable for distance read solutions.

Specifications	Jumper Cables
Sheer Strength	>180lbs (>81.65kg)
Cut Through Resistance	>40lbs (>18.14kg) with .005in (.127mm) blade
Abrasion Resistance	60 cycles per UL 719
Connector	4 pin, 0.96 in (24.38mm) diameter
Weight	.01 lbs/ft (14.87 g/m)
Diameter of cable	Not to exceed 0.25" (6.25mm)
Parts	
JC3	3' (.91m)
JC10	10' (3.04m)
JC25	25' (7.62m)
JC50	50' (15.24m)
JC100	100' (30.48m)
Storage Environment	-22° to 185° F (-30° to 85° C)
Certifications	CL3P/CMP Plenum rating, CE and ETL with LP3000/LP6000; RoHS compliant