

Product Specifications

Job Name _____

Job Location _____

Representative _____

Leak Sensing Cable DT-100

Water Leak Sensing for Larger Areas

Sometimes you need to protect a larger area of your building than a spot sensor covers. For these situations, The Detection Group's leak sensing cable is the solution. Designed to work seamlessly with DT-100 wireless sensors, it extends the leak detection area of the sensor while still providing all the wireless communication and monitoring of the DT-100 System.

It is a simple extension of the The Detection Group wireless sensors, saving on installation costs.

Applications

Protect a small area or a perimeter. Some of the applications for The Detection Group's leak sensing cable include:

- HVAC units
- Raised floor areas
- Chillers and chiller rooms
- Boilers
- Room perimeters
- Under flooring and carpets
- Under dishwashers, refrigerators and other hard-to-reach areas
- Inside walls in plumbing chase areas

Used in conjunction with The Detection Group's wireless Trident System, the sensing cable is available in 3 standard lengths of 1, 5 and 10 feet. Custom lengths can be special ordered to encircle a large area (up to 100 feet of cable). Each length includes a mating connector on either end. A 1-foot lead cable comes with each sensing cable to facilitate connection to the DT-100.

The sensing cable seamlessly extends the reach of the Wireless Sensor DT-502.

Features

- Rugged HDPE polymer construction
- Water resistant mating connectors
- Plenum rated
- Extendable from 1-foot to 100 feet
- Flexible helical design

Benefits

- Detects water anywhere along its length
- Easy expansion of a Wireless Sensor DT-502
- Polymer construction resists corrosion
- Easy to install in tight or hard-to-reach areas
- Dries quickly so cable can be reused after a leak event



The Detection Group product specifications in U.S. customary units and metric are approximate and are provided for reference only. For precise measurements, please contact The Detection Group Technical Service. The Detection Group reserves the right to change or modify product design, construction, specifications, or materials without prior notice and without incurring any obligation to make such changes and modifications on The Detection Group products previously or subsequently sold.

 **THE DETECTION GROUP**
A **WATTS** Brand

The Detection Group system is always on, always working.



1-ft water leak sensing cable



5-ft water leak sensing cable



10-ft water leak sensing cable

Cable Specifications

Material	HDPE
Color	Bright Orange
Fire Resistance	Plenum Rated
Pull Force Limit	132 lbs
Shear Strength	> 160 lb (72 kg)
Cut Through Resistance	> 40 lb with .005-in blade
Abrasion Resistance	> 65 cycles per UL 719
Cable Diameter	0.24 in
Core Resistance	3 ohm/228 ft
Connector	2-pin Square Plug
Max Exposed Temperature	167 °F
Item Number	
DT-100-01	1-ft water leak sensing cable, dual connectors, 1-ft lead with ring terminals
DT-100-05	5-ft water leak sensing cable, dual connectors, 1-ft lead with ring terminals
DT-100-10	10-ft water leak sensing cable, dual connectors, 1-ft lead with ring terminals

Sensing Cable Diagram

