



The AKWA perimeter cable

is typically installed in areas where it is difficult to install a water detection sensor. This cable allows accurate water droplet detection and can be installed around water heaters, dishwashers or inside any wall.

The cable is 5' long and may be interconnected with other cables for a length that delimit a variety of rooms or areas. The technology of this cable is endowed with a wire structure having a helical shape composed of corrosion and abrasion-resistant materials. As soon as the cable is in contact with water, a signal is immediately transmitted to a wireless sensor which in turn emits a signal to the AKWA Water Controller to shut off the main valve.

Characteristics

- The cable is small, lightweight and flexible, allowing for quick and simple installation
- Water detection on cable's full length with unmatched accuracy
- Possibility of interconnecting cables to increase the probing area and the length under supervision
- Durable corrosion and abrasion resistant materials
- The cable dries and resets itself in 15 seconds once it has been removed from the water

Spécifications

Material:	Conductive polymer and lead alloy
Weight:	30g / meter
Diameter:	5.5mm
Lengths:	5' (other lengths available on special order)
Lead Wire Length:	3' (91.44 cm)
Operating Temperature Range:	0 ° C to 75 ° C
Supported humidity:	5% to 100% non-condensing
Fire Resistance:	NFPA 90A
Electrical resistance:	3 ohm / 100 meters
Breaking strength:	60kg
Certification:	CE / CSA (#1537862)

The perimeter cable connects into the double sensor (similar to wireless leak sensor) by using a biconnector, and it is attached to the floor using the plastic connectors supplied with the cable. For more information on how to install the cable, see the AKWA user guide. The AKWA cable can also be used to detect leaks coming in from the foundations, roof tops or walls.