

# AG-LLW1000

Water Leak Location Sensing Cable



## AG-LLW1000

Asia Grich sensing cables detect the presence of water at any point along their length. Installed with a Asia Grich locating module (AG-LLM1), the cable senses water intrusion, triggers an alarm, and pinpoints the location.

### Leak positioning sensor cable



### Distributed sensing

AG-LLW1000 sensing cables provide distributed leak detection and location over a wide range of areas. The cable is available in a variety of lengths to provide as much coverage as needed.

### Design flexibility

AG-LLW1000 sensing cable is supplied with factory-installed plastic connectors that plug together. The cable is designed of a range of applications, including data center subfloors, telecommunication rooms HVAC equipment locations, pipes, electrical vaults, storage areas, tanks and roofs. The cable is small, lightweight and flexible, allowing easy installation. The smooth design allows for quick drying.

### Advanced technology

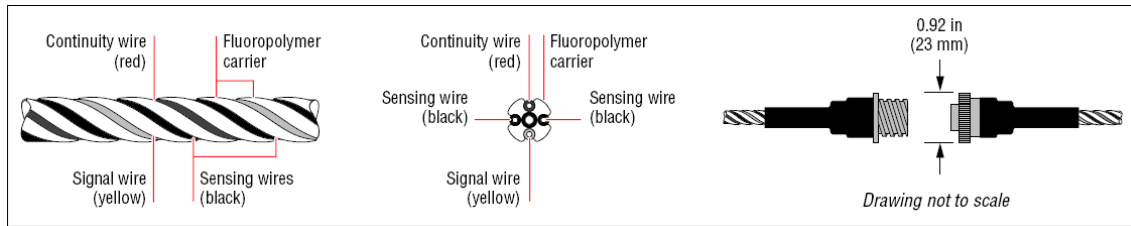
The conductive-polymer technology and fluoropolymer construction make AG-LLW1000 sensing cable mechanically strong and resistant to corrosion and abrasion. The cable is constructed of two sensing wires, an alarm signal wire, and a continuity wire embedded in a fluoropolymer carrier rod. The alarm module constantly monitors the sensing cable for continuity. The rugged cable construction exposes no metal, and enables the cable to be reused even in corrosive environments.

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### Product characteristics

Cable diameter	0.24 in(6.0mm)nominal
Continuity and signal wires	2*26 AWG with insulation of fluoropolymer
Sensing wires	2*30 AWG with jacket of conductive fluoropolymer
Carrier	Fluoropolymer
Cable weight(50 ft/15m length)	2.3 lb (1kg)
Cable color	High-visibility yellow

### Technical Information

Breaking strength	Cable only:160 lb(72KG) .Including connectors:70 lb(32kg)
Cut-through force	>50lb with 0.005(>22kg with with (0.13mm) in blade; crosshead speed 0.2in/min
Abrasion resistance	>65 cycles per UL719
Maximum continuous operating temperature	70degree

### Performance Data

Leak size to alarm(tap water)	2 in (50mm)maximum at any point along sensing cable ,up to 5000 ft. maximum system length
Drying time	Cable dries and resets within 15 seconds for removal from standing water
Standard cleaning method	Wipe with clean damp cloth

### Leak positioning of the monitoring system accessories

SERIAL NUMBER	MODEL	NAME
1	AG-LLM1	The leak positioning controller
2	AG-LLW1000	Leak positioning sensor cable
4	AG-LLW88	connection wire