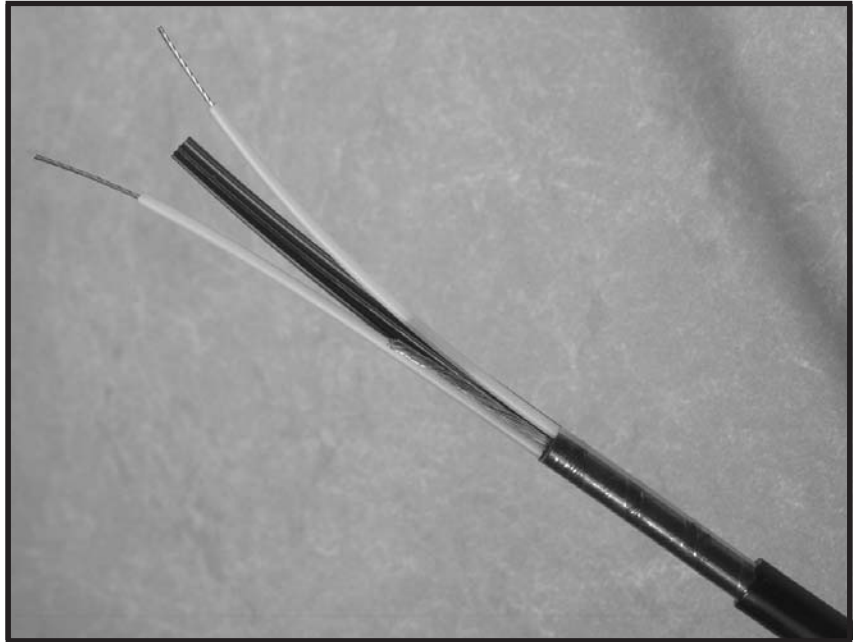


ALPHA SENSOR GDALPHA



- Latest generation precision sensor technology
- Uses spirawire manufacturing techniques for EMI and RFI immunity
- Incorporates lubritube technology for ultra sensitive detection
- Suitable for external and internal applications
- Superior audio clarity that cannot be matched
- Weather resistant and robust construction

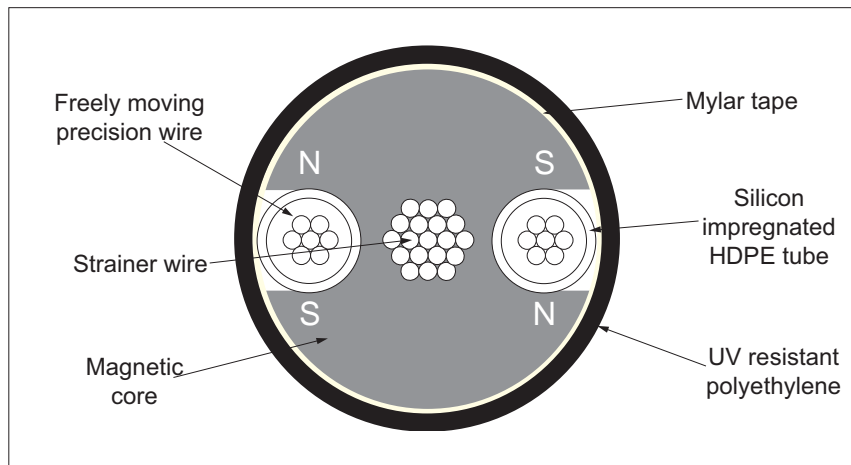
The Alpha Sensor is the next generation sensor designed solely for perimeter security. Its patented magnetic construction combined with the very latest techniques in sensor design have resulted in it being the benchmark for the industry.

Resulting from many years of experience of sensor design, the Alpha Sensor exploits new manufacturing technology that enhances its performance. Spirawire is a process where the cable is twisted at exact intervals to provide a natural rejection capability against radio frequency and electromagnetic interference. Lubritube is a technique where specially lubricated tubes enable the precision sensor wires to move freely during an attack.

High levels of detection are achieved from the improved frequency response that the sensor produces without the need to introduce complex electronic processing or increase the amplitude of the signal which is the main causes of false alarms with old generation sensors. Detection is linear along the entire length resulting in no blind spots, providing a detection range of approximately 1.5m either side of the sensor.

ALPHA SENSOR GDALPHA

Integrates with:



- Alpha Sensor
- RAFID
- RV Beams
- Multizone Annunciator
- Multiplexer
- CentrAlert
- Gthernet

TECHNICAL INFORMATION

Application	The new generation microphonic sensor for attaching to perimeter fences or buildings to detect intruder activity	Outer Sheath Material	Low density black polyethylene resistant to UV radiation and most chemicals including acid
Sales Part Numbers	GDALPHA Alpha sensor GDALPHA-FAC Standard grade flexible armoured conduit protection GDALPHA-FAC-HS High security grade flexible armoured conduit protection	Conduit Material	External (Standard Grade) Square locked, 316 grade stainless steel External (High Grade) Round locked, heavy duty, 316 grade stainless steel
Zone Length	Dependent upon fence/building type, condition, camera location, system design and personnel response Optimum zone length 100m Maximum zone length 200m	Operating Temperature	-40°C to +70°C
Dimensions	GDALPHA Outer diameter 6.5mm Maximum drum length 300m GDALPHA-FAC Outer diameter 12mm Drum lengths 50 or 100m	Electro Magnetic Compatibility	Complies with the requirements of BS EN50081-1 and EN50082-1
		Option	Termite proof jacket
		Installation Time	5 hrs/100m (approximate)
		Location	Externally or internally mounted
		Maintenance	Routine inspection
		Installation	By any Geoquip approved installer
		Warranty	12 months from date of invoice