

FIS Sensing cable

FIS sensing cable is a fiber optic dielectric sensing cable specifically engineered to be used with our Fiber Fence® perimeter security system. It is designed to signal a decrease in energy transmission due to the loss of light from an intrusion or other unusual event.

FIS sensing cable is used along the perimeter fence line and loaded into our patented Mouse Trips®, which when triggered create the signal attenuation.

FIS sensing cable is composed of tight buffer, 900um, single mode 9/125 fiber optic cable. It contains a unique jacket constructed of formulated PVC and is UV resistant.

FIS sensing cable is water resistant and weatherproof making it capable of withstanding elements such as ice, snow and heavy winds. It is corrosion resistant, enhancing its ability to endure over time.

FIS sensing cable is used with our Fiber Fence 3000, Fiber Fence 50 and Fiber Fence Din Rail units. It is recommended to be used with double headed zip ties.



Product Specifications

Buffer Size (um)	900
Storage Temp	-40 / +85
Operating Temp	-40 / +85

Optical Characteristics

Mode	Core/Clad	Numerical Aperature	Type	Atten	Max. Atten.
Singlemode	9/125	.14	0.5/0.4		1.0/0.75

Jacket Characteristics

Jacket Material	Fiber Count	Diameter (um)	Weight (lbs/km)	Pull Load (N) Install/Operate	Bend Radius (cm) Install/Operate
PVC	1	900	1.97	6.0/3.0	5.0/3.0



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