Fiber SenSys
PERIMETER SECURITY

SC3-C™ Cable in Conduit

Specification Sheet

The Fiber SenSys® **SC3-C™** cable in conduit offers a cost efficient, flexible, and easy to install alternative when compared with standard protective conduit solutions. The **SC3-C** is a combination cable-in-conduit where the **SC-3™** sensor cable, a 3 millimeter diameter fiber-optic cable is pre-installed in UV resistant, polyethylene conduit, and is intended for fence line security applications.

The slim profile of the **SC3-C** cable / conduit allows the installer to bend the conduit into a tight radius to cover corners, fence posts, and gates allowing it to operate effectively and provide consistent sensitivity for the perimeter security solution.

The **SC3-C** cable is sold per meter, with a minimum order of 100 meters, unless noted as full reels. The maximum continuous length available is 800 meters.

In addition to the **SC3-C** option, the **EZ-300NSS™** **5/8"** non-split conduit and **EZ-400NSS™** **1/2"** non-split conduit kits are also available for projects that do not require the **SC-3** sensor cable to be pre-installed.
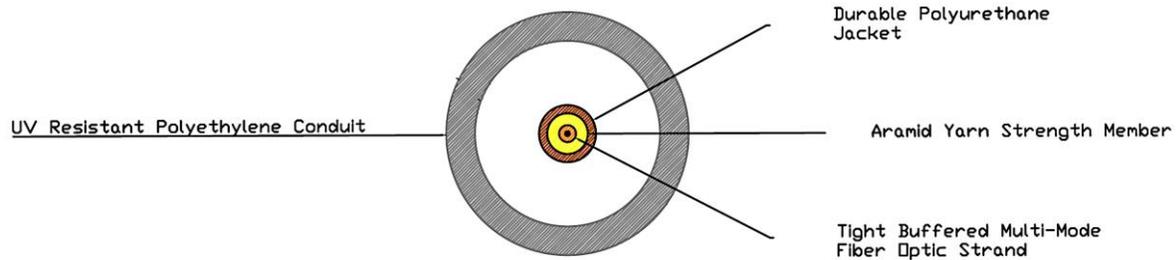
Protective conduit is not required for use in buried sensor cable applications.

Features	Applications
Slim 1/2" flexible UV-resistant polyethylene conduit	Military installations
Tight buffered multi-mode fiber optic strand	Construction sites
SC-3 sensor cable pre-installed	Electric utilities
800 meter full length reel*	High-end residences
*also available in 100 meter continuous lengths	Corporate buildings
	Manufacturing plants

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SC3-C Cable in Conduit

SC3-C CABLE IN CODUIT PRODUCT SPECIFICATIONS	
Conduit Material	Proprietary construction UV-resistant polyethylene Pre-Installed tight buffered multi-mode fiber-optic strand
Cable Type	Proprietary Multi-Mode Optical Fiber
Cable Installed	SC-3 (3 mm) sensor cable
Cable Weight	63.5 kg/km per xxx meter spool
Cable Outer Diameter	12.7 mm (0.5 inches)
Conduit Color	Light grey (Custom colors available upon request)
Operating Temperature	-40°C to +104°C (-40°F to +220°F)

For more information, contact us at
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Fiber SenSys ®

High Performance – High Reliability – High Security