

PRODUCT PROFILE # 519

26D14875-A01 Cut Simulator Tool

The Cut Simulator Tool is used to perform testing of Southwest Microwave Inc. manufactured fence Perimeter Intrusion Detection Systems (PIDS). This tool simulates a cut attempt to the chain link fence fabric by providing a mechanical impact to the fence without causing damage to the fence fabric. The impact is the result of an engineering study designed to simulate a realistic cut of the fence fabric using both wire and bolt cutting tools.

The Cut Simulation Tool provides uniform testing throughout the perimeter no matter who is performing the test. The impact is provided by the tool and is independent upon the size of the person doing the test. The tool can be used for both functional and performance testing. The weight of the tool is 0.5 lbs.

The Cut Simulator Tool consists of a stainless steel rod that is housed within a stainless steel tube along with a heavy-duty spring. A trigger device is mounted to the rod which has three settings. Locking the trigger into one of the three settings controls the spring tension. When the trigger is released, the spring forces the rod against the stainless steel end cap causing the impact to the fence fabric.

For complete operating instructions, refer to the appropriate Testing Procedures available from Southwest Microwave, Inc.

