



#### **QAM Snare Navigator Product Description:**

The QAM Snare Navigator is test equipment for use by a CATV technician with the responsibility to locate and repair RF leaks in the CATV system. The Navigator receives samples over a wireless GSM network from a QAM Snare Signal Processor installed at the CATV Headend and compares them to samples received from the QAM antenna connected to the unit. Time and location information is captured by an onboard GPS receiving module, which is used to triangulate the location of an RF leak. When leaks are detected, flags are placed on a map and a database contained in the Headend Signal Processor is updated with the corresponding leak data.

The CATV technician will also use the QAM Snare Isolator when investigating the precise location of the leak. When the Isolator is in use the Navigator will relay the timing and sample information from the Headend to the Isolator through the ISM Transceiver.

The Navigator is mounted in a vehicle with all Antennas are mounted on the roof of the vehicle.

#### **QAM Snare Navigator Block Diagram**

