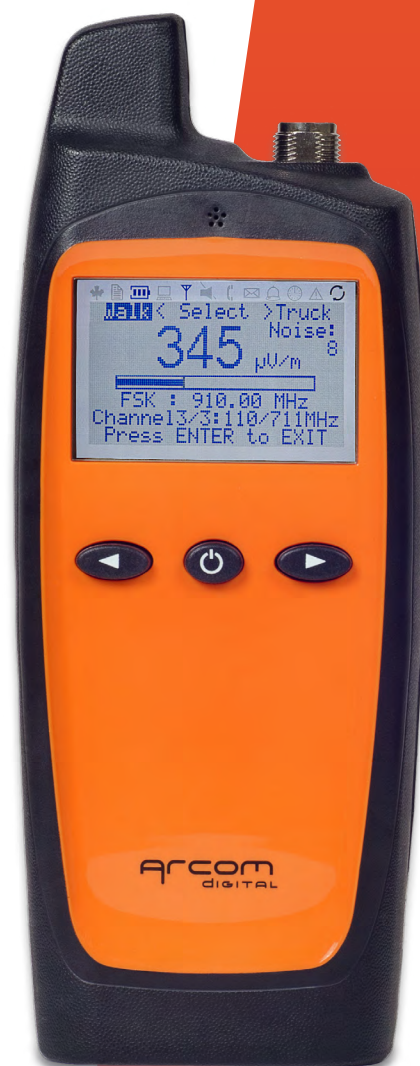




LEAK DETECTION AND TRACKING

# QS ISOLATOR®



CLEARLY BETTER

**Arcom**  
digital





LEAK DETECTION AND TRACKING

# QS ISOLATOR<sup>®</sup>

## Advanced technology meets affordability

The QS Isolator is the quick, easy way to get to the source of the problem. Engineered to quickly and accurately locate and identify the source of signal leakage, QAM Snare flags a starting point from which the QS Isolator easily directs your technician to the offending device.

## BUILT TO HELP YOU PERFORM BETTER

**EFFICIENT:** Simple to use, just point and move in the direction of increasing detection level.

**FOOLPROOF:** Unlike other products, QS Isolator is immune to multipath distortion that could potentially point you in the wrong direction.

**SENSITIVITY:** The loop dipole antenna acts as a magnifying glass to make detected leaks easy to locate.

**AGILE:** Rapidly detects and locates QAM egress at any frequency.

**PRECISE:** No false alarms—no leaks missed.



PRODUCTIVITY DRIVEN

## QS ISOLATOR

The QS Isolator is designed for close-range detection of QAM leakage. QS Isolator pairs with a Navigator mounted in your vehicle to function as a data bridge, relaying samples from the headend to the Isolator. The Isolator correlates the headend signal set with the signal set pulled from its local antenna. QS Isolator is also completely agile and can seamlessly switch between three Navigator detection channels.

## QS ISOLATOR SET

The Isolator Set is a cost-effective solution to provide any system with the ability to troubleshoot LTE leakage without installing any equipment at the headend. One Isolator acquires the QAM channel samples and then sends them to the second. The second unit correlates the samples to samples pulled from its local antenna. It also provides an effective means to troubleshoot QAM egress in the headend.



SPECIFICATION

### QS Isolator

**Leakage detector frequency band:** 135 - 890 MHz (NTSC channels: 16 - 139)

**Leakage detector sensitivity:** - 127 dBm/ - 80 dBmV

**Time delay range in cross-correlation detector:** - 50 ...+350  $\mu$ s or -12 km (coax cable) ... + 70 km (fiber optic cable)

**Leakage measurement sampling:** twice per second

**ISM FSK frequency:** US: 902.5-927.5 MHz

**FSK communication compatibility:** Isolator TX/RX; Navigator; Monitor

**Battery:** 3.7V/ 7.8 AH Li-ion

**Weight:** 400 g (3 cell battery pack)

### QS Isolator Set

Trouble-shoot LTE leakage package without any other equipment.



## QS Manager

Customize your QAM Snare platform to best suit your needs with QS Manager. Control alarm preferences, repair rules, and monitor QAM snare field device usage and activity. Manage productivity by tracking and prioritizing repairs and assigning work orders. Make better-informed decisions with easy access to both short-term and historical leak detection and repair trends. Export your data to other companion systems and generate reports.



## QS Web Client

QS Web Client lets you remotely monitor your network from your smartphone, tablet, or computer. Simply login to see what's happening in your system in real-time. Detect, locate, open and close work orders right from your browser.



Arcom engineers and manufactures the most advanced and effective solutions in the world for cable network impairment, leakage detection and locating technology. Arcom employs unique passive radar Xcor technology and provides the only equipment in industry capable of locating both linear and nonlinear distortions like Common Path Distortion (CPD). We developed these solutions because we are committed to making our customers' lives easier and their customers happier.

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### PNM+

Find problems before they happen, and keep your network running at peak efficiency.



### Hunter

Locate network issues with pinpoint accuracy, saving countless man-hours.



### QAM Snare

The only truly effective tools to detect and track QAM leaks are frequency-agile and future-proof.

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