

# **CEL-FI QUATRA EVO**

## One or Two Operator Cellular Coverage Solution

















Designed for enterprises to easily solve 3G, 4G, and 5G cellular coverage challenges, CEL-FI QUATRA EVO is the right choice for places like retail stores, schools, hotels, and healthcare facilities that need to improve indoor signal coverage for one or two operators.

QUATRA EVO is an Active DAS Hybrid that is equipped with the latest 4th generation Nextivity proprietary IntelliBoost chip to ensure uniform, high-quality cellular signal throughout any building. As an all-digital solution, QUATRA EVO utilizes category cabling for RF and Power-over-Ethernet architecture to deliver industry-leading signal gain and scalability. This cost-effective, carrier-grade system can be installed within days and offers fiber expansion capabilities.

4 Bands

NU

Single-operator

### **Two Configurable Ports**

### Single-operator Mode

In single-operator mode, connect a single donor signal to both ports to support four bands from same carrier.

### **Dual-operator Mode**

In dual-operator mode, connect a different donor antenna to each port to support two bands from each operator.

Either mode will provide full, reliable coverage throughout the building.

Proprietary technology ensures devices are connected to the best available operator bands to provide optimal connectivity for end users.



Network Unit (NU) Coverage Unit (CU)

### One or Two-Operator Configuration:

Boost a single operator (4 bands) or two operators (2 bands each)

### Powered by IntelliBoost:

Best echo cancellation, gain, and coverage footprint in the industry

### Fiber Expansion:

Scale your system with the CEL-FI QUATRA EVO Fiber Hub or CEL-FI QUATRA Fiber Range Extenders

### **Fast Installation:**

2 Bands

2 Bands

NU

Dual-operator

System can be installed, commissioned, and activated within days

### **Network Safe:**

Carrier approved with no noise guarantee

### Remote Monitoring and Management:

View real-time system performance via Nextivity WAVE Portal

# Reliable Coverage for Buildings of All Sizes

### The IntelliBoost Difference

The IntelliBoost® chip uses digital signal processing to enhance cellular performance in real-time and ensure CEL-FI solutions provide unbeatable in-building coverage. In addition to delivering the industry's highest gain at the lowest cost per square foot, IntelliBoost enables Nextivity solutions to be unconditionally network safe and approved for use in over 100 countries by over 200 mobile network operators globally.

# Individual channel gain control to maximize coverage power per channel (true neutral-host) Decoded network information and extremely fast parallel processing Individual operator signal inputs Individual channel filtering reduces interference Echo cancellation reduces interference

### **Fiber Extension**

CEL-FI QUATRA fiber accessories allow you to expand your coverage footprint and

provide even more installation flexibility. CEL-FI QUATRA Fiber Range Extenders (QFRE) increase the distance between the Network Unit (NU) and Coverage Unit (CU) up to 1.24 miles (2.0 km), while the CEL-FI QUATRA EVO Fiber Hub provides the same distance capabilities and enables the NU to support an additional six CUs (12 total).

### **Example Diagram: 1 NU to 12 CUs with Fiber Expansion**



