

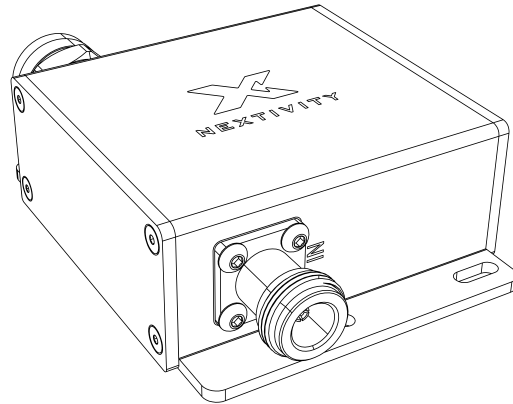


Smart Server Antenna Module

Quick Start Guide

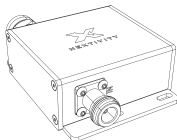
Adds Smart Functionality to your Antenna

KIT#:
J3-1414-30-0A1C

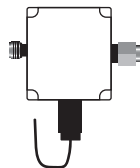


The Smart Server Antenna Module is an active device that upgrades any antenna to a Smart Server Antenna that is compatible with CEL-FI QUATRA and SHIELD product lines. Installation is easy on hard and dropped ceilings. Integration and alarms are accessible via WAVE software.

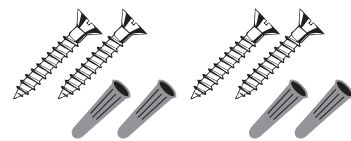
Included In the Box



Smart Server
Antenna Module



Power Inserter

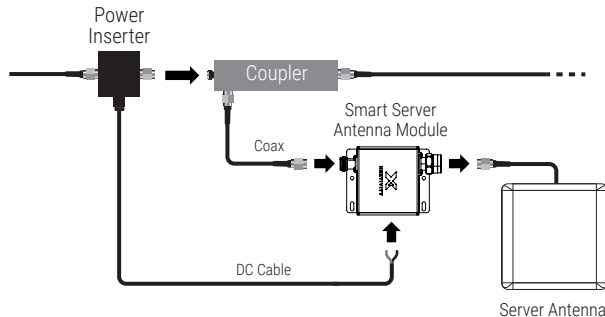


Mounting Screws (4)
Drywall Anchors (4)

Module Installation

DROPPED CEILING INSTALL

STEP 1: Connect the **Power Inserter** to the signal source cable before each coupler/tapper in the Distributed Antenna System (DAS). A typical directional coupler example is shown below.



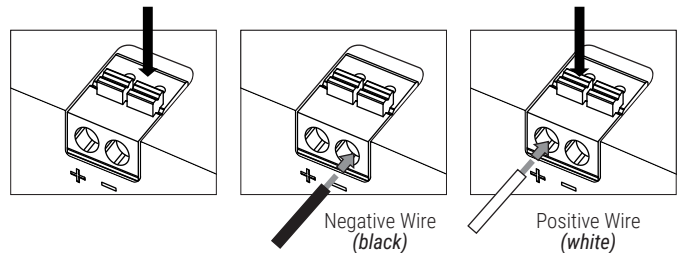
STEP 2: Route the DC and coax cables to the **Smart Server Antenna Module**. Add a separate DC extension cable if needed to reach the desired **Smart Server Antenna Module** installation location.

STEP 3: Connect the coax cable from the signal source to the N-type(f) IN Port of the **Smart Server Antenna Module**.

STEP 4: Connect the coax cable from the server antenna to the N-type(m) OUT Port of the **Smart Server Antenna Module**.

STEP 5: Press the wire release button for negative(-)/black wire on the 2-pin terminal block to insert the stripped wire in to the slot and release the wire button. Gently test the wire by pulling to make sure it is firmly connected.

STEP 6: Repeat Step 4 for the positive(+)/white wire.



STEP 7: The completely connected **Smart Server Antenna Module** can lay on the same ceiling tile that the antenna is mounted to.

HARD CEILING INSTALL

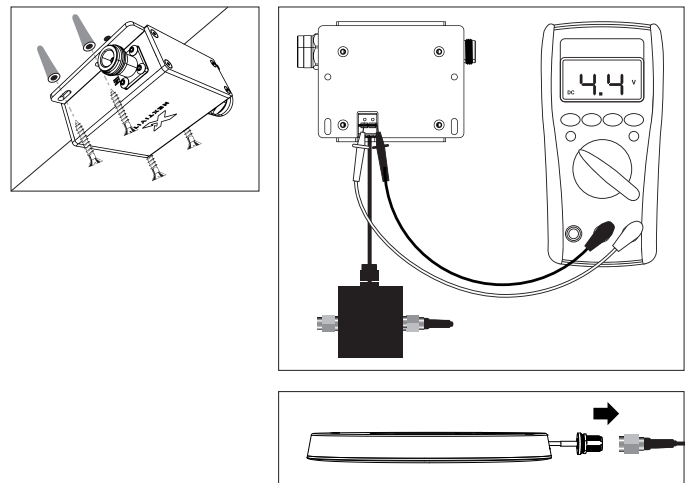
STEP 1: Locate an appropriate hard surface to install the **Smart Server Antenna Module** that will accommodate the DC wire and coaxial cable lengths.

STEP 2: Cable the DC wires and coaxial cables as indicated in this guide.

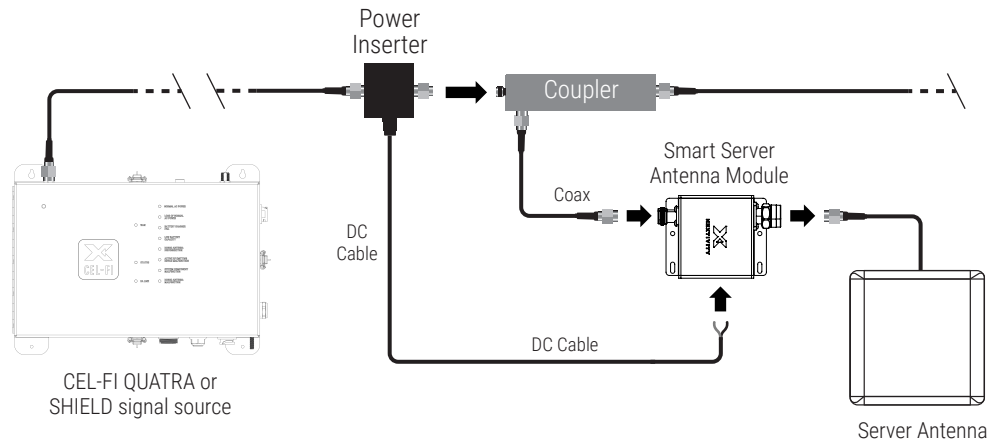
STEP 3: Mount the Smart Server Antenna Module using the supplied anchors and screws, taking care not to strain the cables or connectors.

VERIFY OPERATION

Confirm that the Distributed Antenna System (DAS) is fully installed. With the Nextivity system powered on and properly connected to the **WAVE Portal** in the cloud, the **Smart Server Antenna Module** and its MAC address should appear on the **WAVE Portal** beside the Coverage Unit (CU) it is connected to. If the module does not appear for a particular CU, verify that the **WAVE Portal** connection is **Active**, and inspect all wiring and connections. Use a multimeter to verify that at least 4.4 vdc is being received by the module.



Connection Diagram



Review the latest authorized antennas at: nextivityinc.com/products/#antennas

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qsg_smart-server-module_25-1117

The device must be installed and controlled by specially trained professionals. The device is not sold to the general public and is sold only for industrial or commercial use by professional instalers.

FCC Statement

1. This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

(1) This device may not cause harmful interference.

(2) This device must accept any interference received, including interference that may cause undesired operation.

2. Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

NOTE:

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules.

These limits are designed to provide reasonable protection against harmful interference in a residential installation.

This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

Reorient or relocate the receiving antenna.

Increase the separation between the equipment and receiver.

Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.

Consult the dealer or an experienced radio/TV technician for help.

To comply with RF exposure requirements, a minimum separation distance of 20mm must be maintained between the user's body and the handset, including the antenna.

IC WARNING:

This device contains licence-exempt transmitter(s)/receiver(s) that comply with Innovation, Science and Economic

Development Canada's licence-exempt RSS(s). Operation is subject to the following two conditions:

(1) This device may not cause interference.

(2) This device must accept any interference, including interference that may cause undesired operation of the device

ADVERTENCIA IC

Cet appareil contient des émetteurs / récepteurs exemptés de licence conformes aux RSS (RSS)d'Innovation,

Sciences et Développement économique Canada. Le fonctionnement est soumis aux deux conditions suivantes :

(1) Cet appareil ne doit pas causer d'interférences.

(2) Cet appareil doit accepter toutes les interférences, y compris celles susceptibles de provoquer un fonctionnement indésirable de l'appareil.