



# BI-DIRECTIONAL AMPLIFIER (BDA) SOLUTIONS

## THE PROBLEM

Poor in-building radio signals leads to communication blackouts for emergency responders, delaying critical assistance in an emergency and risking lives.

## THE SOLUTION

BDA systems are now required in many commercial buildings, including high-rises and apartment buildings.

The BDA system, along with its Distributed Antenna System (DAS), works by identifying, amplifying and redistributing wireless signals to help fill potential gaps in areas of a building with weak or no radio signals.

## OUR BDA SYSTEM SOLUTIONS

- Signal Survey
- Design
- Installation
- Maintenance
- Monitoring

## CODE REQUIREMENT

IBC, IFC and NFPA now require new and existing buildings to have approved radio coverage for emergency responders within buildings.

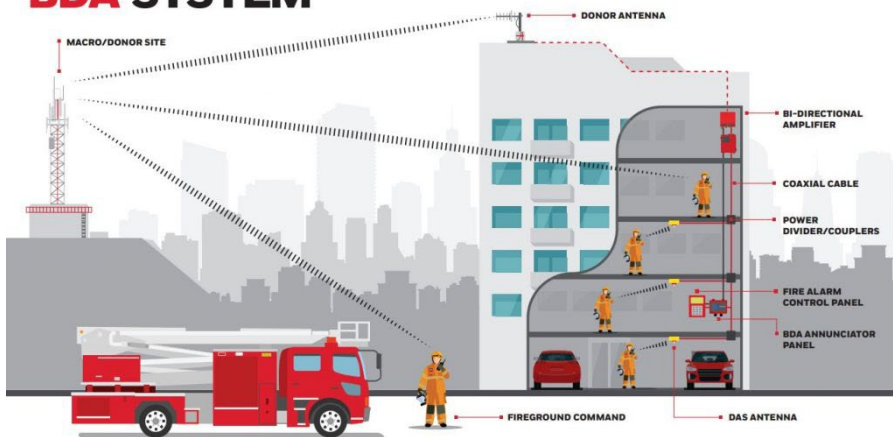
The following codes specify minimum requirements for radio signal strength in buildings.

IBC 2009 – Section 915  
 IBC 2015 – Section 916

IFC 2009 – Section 510  
 IFC 2012 – Section 510  
 IFC 2015, 2018, 2021 – Section 510

NFPA 1 2012 – Section 11.10  
 NFPA 72 2007 – Section 6.10.2  
 NFPA 72 2010, 2013 – Section 24.5.2

## TYPICAL BDA SYSTEM



## CONTACT US

Ensure the safety and reliability of your building's communication system. Contact one of Century Fire Protection's trained and certified professionals today.



SPRINKLER



EXTINGUISHERS



ALARM



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