



# **THE SIGNAL FOR SUCCESS**

[www.adrftech.com](http://www.adrftech.com)

# ADRF SOLUTIONS

Wireless technology has become the primary communications method for both personal communication and first responder services in cases of emergency. However, cellular signals are not designed to penetrate through concrete walls or reach high floors in tall buildings, which can cause dropped calls and interrupted data connections. We call this a "coverage" problem. For large venues with high traffic areas such as malls, airports, stadiums, hotel lobbies, and convention centers, even if there is cellular coverage, it may not be adequate to support the number of devices. We call this a "capacity" problem. Fortunately, ADRF's solutions address both problems by

meeting each customer's unique needs, while providing a pathway to scale for the future. Our solutions are comprised of the industry's most innovative solutions to ensure reliable wireless coverage and robust capacity in venues of any size, shape and location for the world's leading enterprises, system integrators, public safety entities, neutral host operators, and wireless services providers. We have the most comprehensive portfolio of 4G LTE, 5G NR, and Public Safety in-building wireless products including Distributed Antenna Systems (DAS), repeaters, antennas, and passive components.

## PRODUCT LINES

### DAS



ADXV Series Active  
Fiber DAS

### REPEATERS



PSR Series Public Safety  
VHF/UHF/700/800  
Channelized  
Digital Repeater



MWR Series mmWave  
5G Repeater

### ANTENNAS & PASSIVES



High Isolation Donor and  
Omni Server Antennas



ADX Series  
Fiber-To-The-Edge  
Digital DAS



SDR Series In-Building  
Modular Digital Repeater



SDR-ICS Series High  
Power Outdoor Modular  
Digital Repeater



4.3-10 Low PIM  
Passive Components



# MAKING CONNECTIVITY UBIQUITOUS

ADRF provides a one-stop shopping experience to enable ubiquitous wireless connectivity in any venue.



## Donor Antenna

ADRF's high isolation donor antenna provides exceptional signal strength, transceiving RF signals to/from cellular or public safety towers



## Server Antenna

ADRF's omni server antennas are mounted on the ceiling and transceive all frequency bands between the coaxial cables and wireless devices.



## DAS Medium Power Remote Unit

ADRF's ADXV MPR amplifies RF signals and converts optical signals for transport over coaxial cables to server antennas.



## Repeater

ADRF's PSR or SDR provides the signal source to the DAS or server antennas by amplifying and conditioning RF signals from the donor antenna.



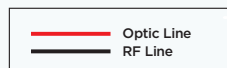
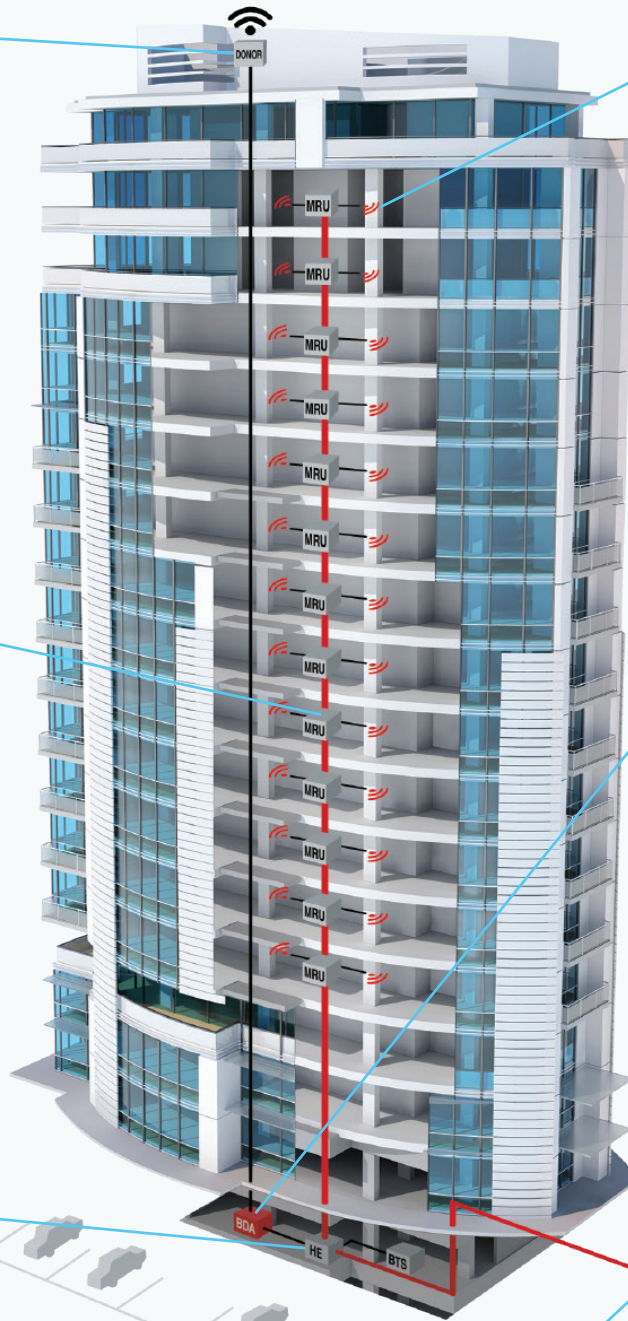
## DAS Head End

ADRF's ADXV HE aggregates and converts RF signals to optical signals for transport over fiber to DAS remote units.



## DAS High Power Remote Unit

ADRF's ADXV HPR provides highly amplified RF signals to overcome dense building materials or enable transport over long runs of coaxial cable.





# ADRF CREATES CONNECTIONS

ADRF has been connecting people and their devices since 1999. Headquartered in the Greater Los Angeles area but with sales and engineering teams located nationwide, ADRF's people are always ready to serve our customers to ensure a superior ownership experience. With an installed base of more than 100,000 network elements, we are the #1 DAS and repeater vendor to all leading U.S. wireless service providers.



## BEST IN CLASS MODULARITY

flexible and scalable platform  
enables future-proof system



## 100,000+ NETWORK ELEMENTS

all throughout U.S., Canada,  
and CALA



## LESS THAN 1% OUT OF BOX FAILURE RATE

guarantees superior  
product reliability



## 24/7 TECHNICAL SUPPORT

proves our commitment to  
service and support



## SHORT LEAD TIME

allows the  
fastest delivery



## FREE DESIGN & COMMISSIONING SUPPORT

allows lower cost  
of ownership

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