

KEY CONSIDERATIONS WHEN CHOOSING A DAS SYSTEM

SIX IMPORTANT CRITERIA:

1 Does It Support **Full-Spectrum Frequencies** On A **Single Hardware Layer** From Day One?

Does the solution have the flexibility to simultaneously support all available cellular frequencies without more hardware? Does the solution support any new spectrum below 2.6GHz (such as the newly released spectrum of 600 MHz) without adding additional hardware? Can unlicensed spectrum be added easily?

2 Does It Utilize **Fiber Cabling**?

Is the system fiber-based, to provide an optimal connection?

3 Does It Require **Minimal Equipment And Space** In A Facility?

Does the system require more than five components?

4 Does It Offer A **Low Total Cost Of Ownership** With The **Highest Value**?

Is there a low total cost to deploy the system, based on current coverage needs as well as those that arise in the future? Are maintenance and operating costs over time relatively low?

















5 Does It Support **Critical Public Safety Frequencies** Including VHF (150Mhz), UHF (450Mhz), 800Mz and 700MHz FirstNet?

Is the solution able to support public safety frequencies/ technologies, and is it FirstNet-ready today? Can it be deployed over the same hardware layer as cellular frequencies, or are additional layers requiring additional remotes and components required?

6 Is It **5G Ready**?

Is the solution able to support public safety frequencies/ technologies, and is it FirstNet-ready today? Can it be deployed over the same hardware layer as cellular frequencies, or are additional layers requiring additional remotes and components required?

Today, 80% of cellular calls are generated or initiated indoors—so for any building owners and managers that want to ensure consistent, reliable indoor connectivity, a distributed antenna system (DAS) has become the wireless solution of choice.

zinwave	Alternative Solution B	Alternative Solution C	Alternative Solution D
<div></div> <div>All Frequencies (150Mhz-2700Mhz) On A Single Hardware Layer</div>	<div></div> <div>Only Four Frequencies</div>	<div></div> <div>Only Four Frequencies</div>	<div></div> <div>Only Six Frequencies</div>
<div></div> <div>Fiber</div>	<div></div> <div>Fiber, CAT6</div>	<div></div> <div>Fiber</div>	<div></div> <div>Fiber, Coax</div>
<div></div> <div>Low Space Requirement</div>	<div></div> <div>Medium Space Requirement</div>	<div></div> <div>Medium Space Requirement</div>	<div></div> <div>High Space Requirement</div>
<div></div> <div>Low TCO, High Value</div>	<div></div> <div>Medium TCO, Medium Value</div>	<div></div> <div>Medium TCO, Medium Value</div>	<div></div> <div>High TCO, Low Value</div>
<div></div> <div>Supported On The Same Layer</div>	<div></div> <div>Additional Layer Required</div>	<div></div> <div>Additional Layer Required</div>	<div></div> <div>Additional Layer Required, Frequency Additions Cause Losses</div>
<div></div> <div>Best Position, Only One Extra Layer Possibly Needed</div>	<div></div> <div>New Hardware Layers Required (Often More Than One Layer)</div>	<div></div> <div>New Hardware Layers Required (Often More Than One Layer)</div>	<div></div> <div>High Frequencies Not Supported Well Via Coax</div>

To learn more, download our

DAS Comparison Guide

 Best  Caution  Avoid