Distributed Antenna Systems (DAS)



Cutting-Edge Wireless Networks for Today's Data-Driven World

From pulling and terminating coaxial cabling to fusion splicing fiber-optic lines, Forest Electric New Jersey (Forest NJ) offers a full suite of complex DAS solutions from certified professionals. Over the past 10 years, we've installed more than 100 million square feet of DAS coverage, helping customers receive the uninterrupted network connectivity that their businesses demand.

EXPERTISE IN EIGHT MAJOR MARKETS

» Mission Critical Facilities
» Biotech/Healthcare
» Finance
» Manufacturing/Industrial
» Commercial
» Higher Education
» Technology
» Entertainment/Hospitality

ACHIEVING AWARD-WINNING LEVELS OF SAFETY

» NECA Safety Excellence Award 2019, 2018, and 2012
» NECA Safety Ambassadors Medal 2021, 2019
» NECA Recognition Award of Achievement 2019



Superior Connectivity in a Range of Facility Environments

Utilizing separated antenna nodes connected to a common source, DAS systems boost network integrity in large buildings, helping improve voice and data connectivity for end users. DAS offer complete and total coverage of targeted spaces, and added data capacity to the telecommunication networks in a variety of buildings— from office spaces and financial institutions to hospitals, educational facilities, and more.

Experienced DAS Professionals, Proven Installation Methods

We leverage advanced technologies and proven installation approaches to every project, including:

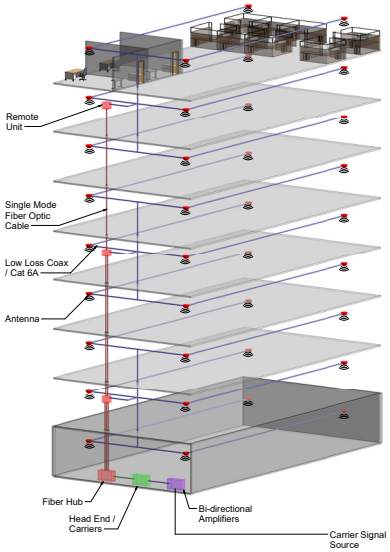
» Specific color raceways to distinguish DAS from other building systems
» Coordinated conduit raceway paths to minimize time and material spent on cabling
» Side-by-side low-voltage and electrical installation for added cost savings
» Up-to-date testing equipment
» BIM and CAD software
» In-house engineering and prefabrication shop
» Smart devices for real-time project updates

Our DAS Expertise

» Pulling and terminating coaxial cabling
» Fusion splicing
» Fiber backbone testing
» Sweep testing
» Passive intermodulation (PIM) testing
» Optical time domain reflectometers (OTDR) testing

Vendor Certifications

» Corning
» JMA
» Solid
» Comscope



TYPICAL DAS DIAGRAM

FENJ 210706

Forest Electric
New Jersey
An EMCOR Company

What Can We Do For You?

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