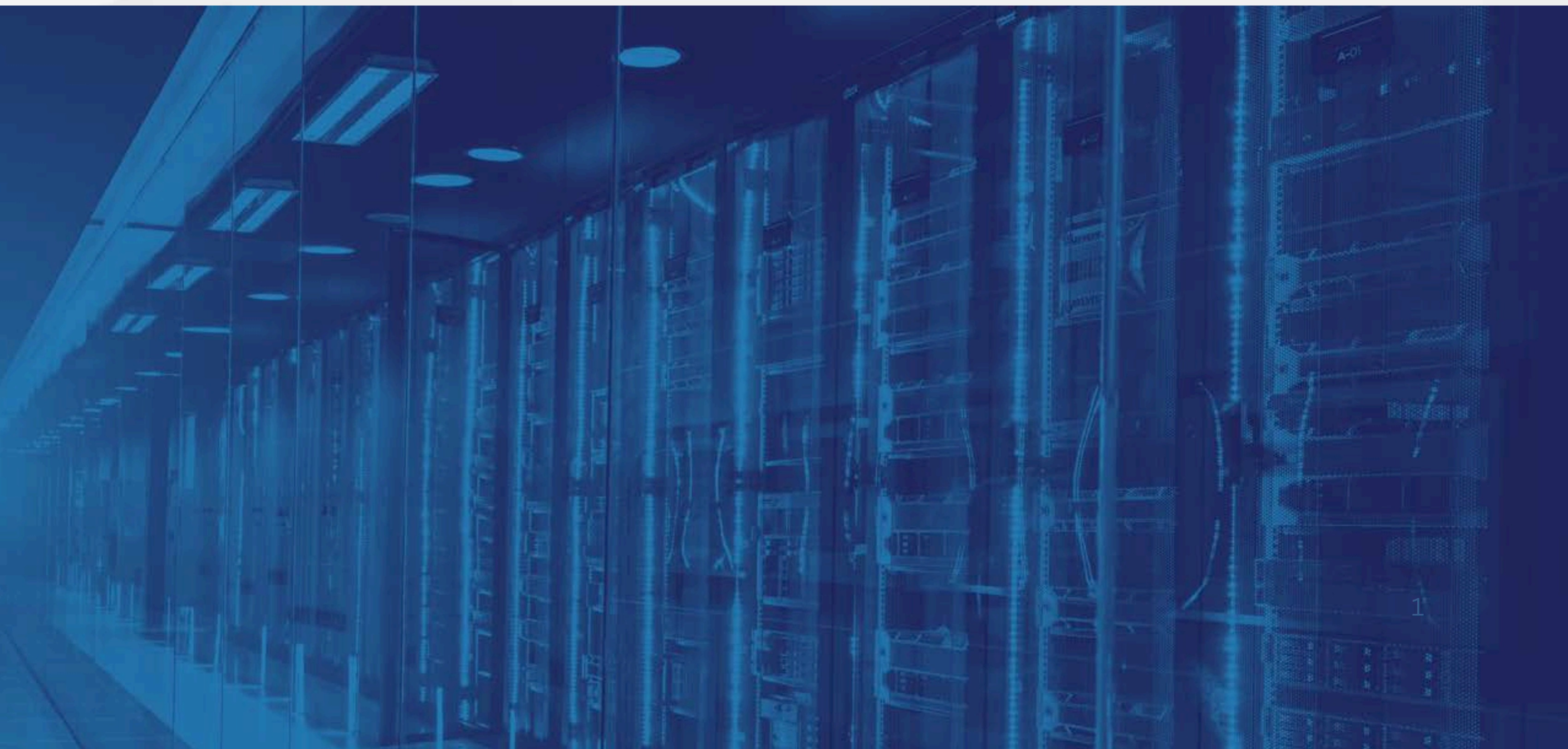




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DATA CENTER CONNECTIVITY INFRASTRUCTURE SOLUTIONS

RFS TECHNOLOGIES





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Why Data Centers Need More Than Connectivity

As data centers become connected and mission-critical, reliable communications infrastructure is essential. RFS Technologies delivers cable and connectivity solutions for wireless, public safety, fiber, and power applications. These solutions are designed to support today's hyperscale, colocation, enterprise, and edge data centers.



FEATURED SOLUTIONS

Solution

Application

ICA[™] Plenum-Rated Coaxial Cables

Commercial DAS

DragonSkin[™] Fire-Resistive Cables

Public Safety DAS

CL3 Composite Cables

Power + Fiber Infrastructure

CL4 Composite Cables

Digital Electricity & Class 4 Power

Custom Power and Fiber Cable Bundles

Accelerated Deployment

THE MODERN DATA CENTER CHALLENGE

Key Infrastructure Challenges:

Wireless Coverage

Reliable indoor cellular and WiFi connectivity is increasingly required throughout the data center.

A robust in-building wireless network helps improve operational efficiency while ensuring critical communications remain available when they are needed most.

Space Constraints

Race ways congestion continues to grow as facilities expand.

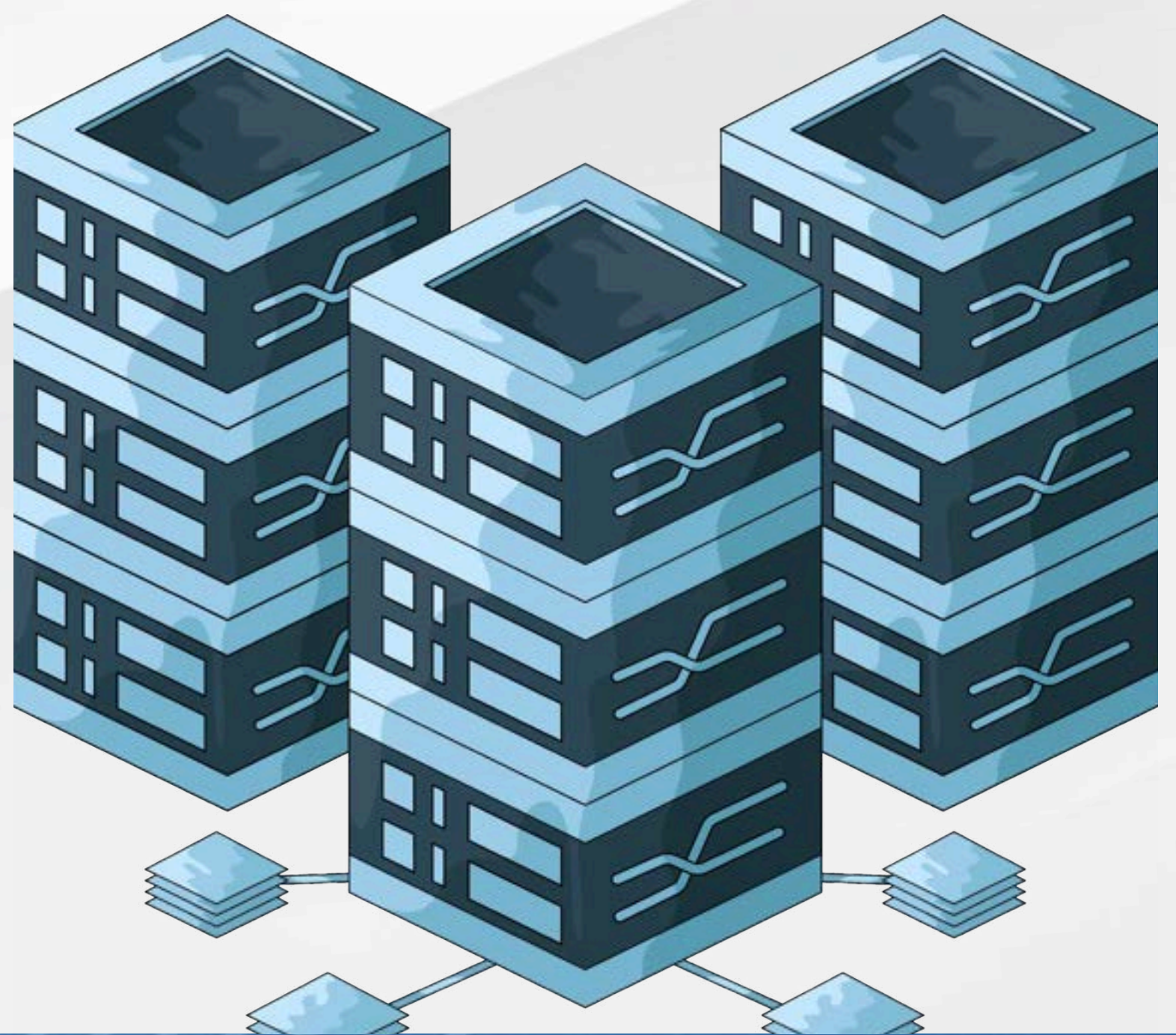
By combining fiber and power into a single cable, installers pull one cable instead of two, reducing labor hours and minimizing congestion in overhead pathways.

Installation Efficiency

Owners and contractors seek ways to make installation more efficient.

Public Safety

Data centers require PS coverage for emergency events to protect mission-critical operations. Due to the volatile nature of the components housed inside, data centers necessitate shorter reaction times and high precision responses to reduce collateral damage.



WHY RFS TECHNOLOGIES?

RFS Technologies provides integrated solutions designed to address these challenges while simplifying deployment and improving long-term reliability.

COMMERCIAL DAS & PUBLIC SAFETY SOLUTIONS

ICA™ PLENUM-RATED COAXIAL CABLES

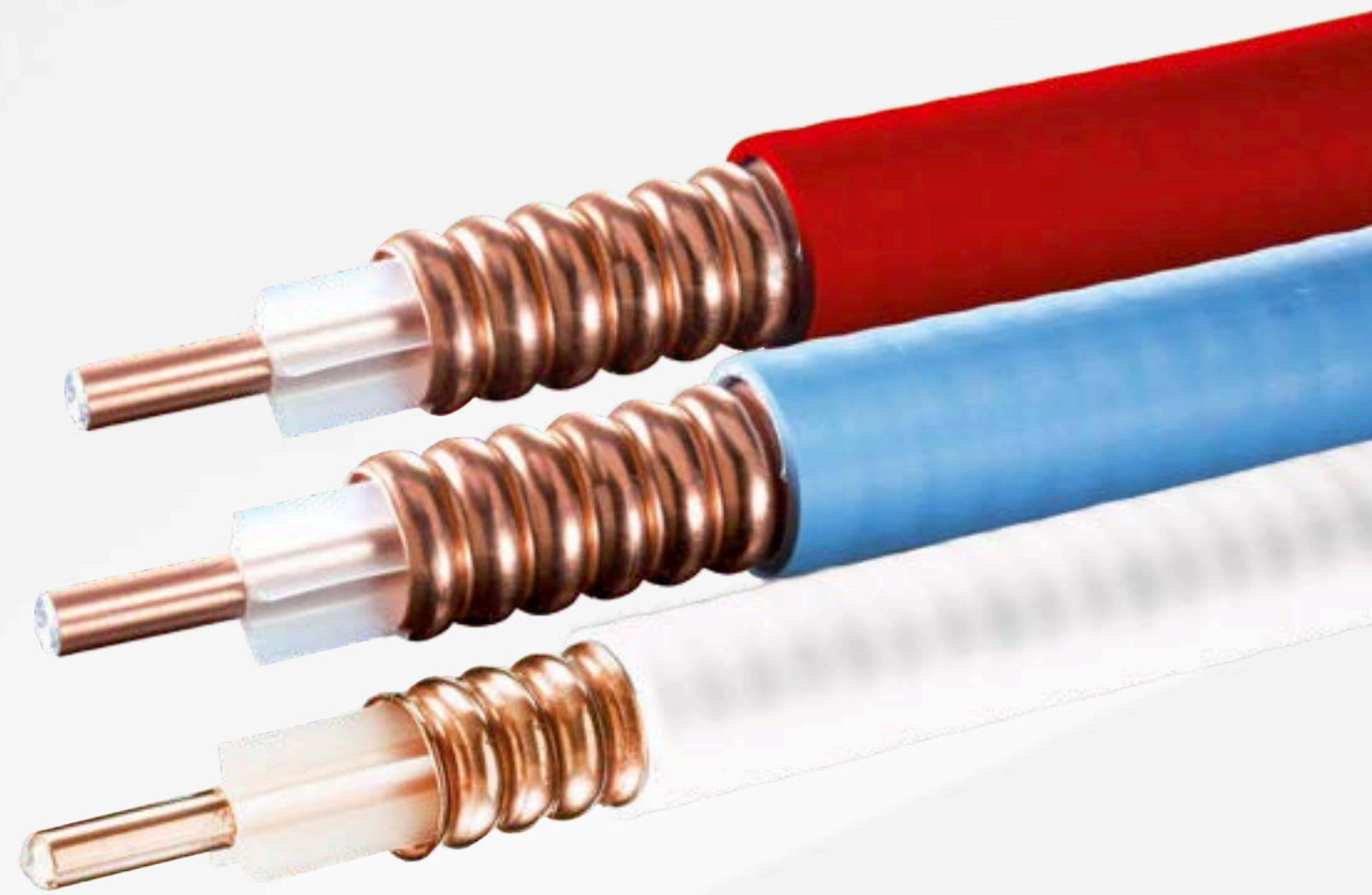
**Optimized for Indoor
Wireless Infrastructure**

RFS Technologies' ICA™ Plenum-rated coaxial cables provide reliable RF performance while meeting stringent indoor fire safety requirements.

Designed specifically for in-building wireless systems, these cables support carrier and private network and public safety deployments inside mission-critical facilities.

Applications:

- Public Safety DAS
- Private Wireless Networks
- Public Safety Systems
- Emergency Communications
- Life Safety Networks
- ERRCS Systems

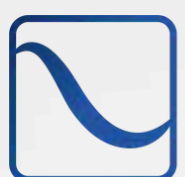


Featured Products:

- ICA12-50JPL
- ICA12-50JPLL
- ICA58-50JPL
- ICA58-50JPLL
- ICA38-50JPL
- ICA38-50JPLL

Key Benefits:

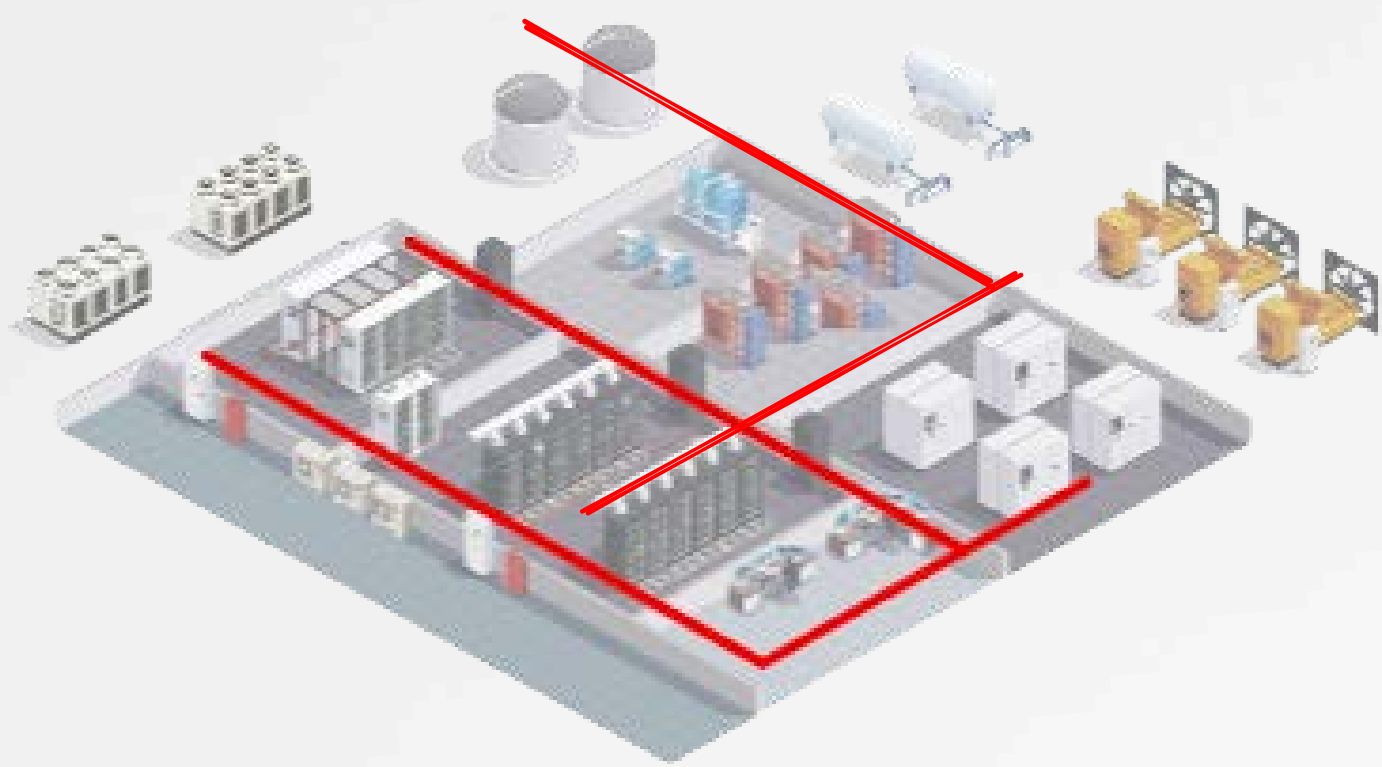
- CMP Plenum Rated
- Excellent RF Performance
- Multi-Carrier Support



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DragonSkin™ FIRE-RESISTIVE CABLES

Communication When It Matters Most



Mission-critical facilities require communications infrastructure that continues performing when conditions are at their worst. DragonSkin™ 2 hour fire-resistive cable is engineered to maintain communication pathways during fire events, helping support Emergency Responder Communication Enhancement Systems (ERCES) and other critical public safety networks. Unlike traditional cable, DragonSkin™ is designed to continue carrying communications signals while exposed to fire, providing first responders with dependable radio communications during emergency operations.

Key Benefits

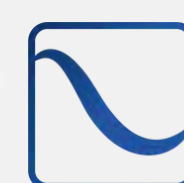
- Increased System Survivability
- Enhanced Public Safety
- Improved Code Compliance
- Reduced Risk of Communication Failure

Key Features

2- Hour Fire Survivability
Meets UL 2196 Revision 3
Supports NFPA 72

Applications:

Commercial DAS
Public Safety DAS
Private Wireless Networks
Public Safety Systems
Emergency Communications
Life Safety Networks
ERRCS Systems



CL3 & CL4 COMPOSITE CABLE SOLUTIONS

Power and Connectivity in One Cable

Modern data centers increasingly require both power and communications delivered to distributed edge devices.

RFS Technologies composite cable solutions simplify deployment by integrating multiple media types into a single cable assembly.

Ideal For:

- DAS/Wifi Remote Units
- Security Systems
- Access Control
- Building Automation
- Lighting and Signage

Designed to Support Emerging:

- Class 4 Fault Managed Power Systems
- Fiber-to-the-Edge Deployments



Available Configurations

- Power + Fiber
- Custom Hybrid Designs

Benefits

- ✓ Reduced Cable Count
- ✓ Faster Installation
- ✓ Touch-safe
- ✓ Improved Monitoring and Control
- ✓ Reduced Power Consumption
- ✓ Increased Safety
- ✓ Lower Labor Costs
- ✓ Cleaner Pathways
- ✓ Improved Scalability
- ✓ Simplified Infrastructure

FIBER & POWER BUNDLING SERVICES

Faster Deployments. Cleaner Installations.



Ideal For:

- New Construction
- Capacity Expansion
- Colocation Facilities
- Edge Data Centers
- Modular Data Centers

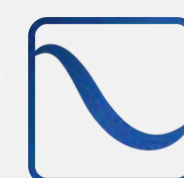
Available Configurations

- Fiber + Power
- Fiber
- Power
- Custom Engineered Assemblies

Benefits

Reduced Pulling Operations
Faster Installation
Improved Cable Management
Consistent Factory Quality
Reduced Field Errors
Lower Total Installed Cost

RFS Technologies provides custom cable bundling services that reduce installation labor while improving project efficiency. Large-scale data center deployments often involve thousands of cable connections. Pre-configured bundled solutions help improve installation consistency, reduce handling time, and minimize the potential for installation errors. The result is a faster, more organized deployment that supports long-term reliability.



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WHY RFS TECHNOLOGIES?

Wireless Expertise

- Distributed Antenna Systems
- Public Safety Communications
- Transportation Infrastructure
- Critical Facilities
- Industrial Networks



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Manufacturing Excellence

Engineering Support

- Product Selection
- System Design Support
- Custom Solutions
- Technical Consultation

Backed by Amphenol

Global resources combined with local responsiveness.



READY TO LEARN MORE?

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discuss your project
requirements.



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