

PRODUCT SOLUTIONS BRIEF  
**RADIO FREQUENCY SYSTEMS**

**COMMERCIAL BUILDING WORKFORCE PRODUCTIVITY**



Through our strong global partnerships and alliances with manufacturers such as Radio Frequency Systems (RFS), we are able to present you with the following offering to meet your specific commercial building requirements.

**RADIAFLEX® Radiating Cable Solution**

RFS's RADIAFLEX Radiating Cable Solution is designed to provide RF broadband wireless coverage for confined areas. Radiating coaxial low-loss cables act as distributed antennas, which facilitate radio communication where the usual free space propagation of electromagnetic waves is hampered, undesired or impossible such as in tunnels, mines, buildings and large complexes.



RADIAFLEX® Radiating Cable

**CHALLENGE SOLVERS**

- The broadband solution supports all major services up to 6 GHz and is therefore optimally suited for multioperator and multiband applications.
- The low-smoke and halogen-free cabling meets all major international flame- and fire-retardancy standards.
- It's available with optional "vario" coupling loss configurations for longer installation runs.
- It provides a scalable and practical means of tailoring RF coverage in even the most challenging spaces.



**THE ANIXTER APPROACH**

- **Network Accessibility**  
Apply designs to accommodate your performance requirements and overall cellular coverage in your building.
- **Scalable Growth**  
Determine the right choice to support the capacity increases of a BYOD and multi-device environment.
- **Unified Communication**  
Choose the appropriate communications equipment to provide a high quality voice, data, and video experience for employees.

**WHAT WE HEAR**

Challenges from the various commercial building stakeholders are:

- Supporting a **BYOD** environment
- Providing seamless **NETWORK AVAILABILITY**
- Achieving **REGULATORY COMPLIANCE**
- Restrictions of **LEGACY SYSTEMS**
- Enabling **COLLABORATIVE** business communication

**THE RFS SOLUTION**

APPLICATION TYPE	CABLE JACKET	FREQUENCY
In-building Tunnels Mines In-vehicle	Halogen-free Flame-retardant Low-smoke emission	Lowband Narrowband Standard Wide and ultrawide band

[anixter.com/shoprfs](http://anixter.com/shoprfs)

**Infrastructure  
as a Platform**  
by Anixter

Infrastructure as a Platform by Anixter provides a practical, configurable and integrated approach to supporting advanced mobility and communications in your commercial building.

## CONFIGURE

We help you discover and map your specific needs to the best solution.

- Frequency
- Aperture
- Jacket option
- Connector type

## BUNDLE

Your validated, preconfigured solutions are packaged and site ready.

- Clamps
- Cable ties
- Installation tools
- Grounding kits

## DEPLOY

Controlled, repeatable solutions are delivered on time and under budget.

- Custom packaging and labeling
- Time-sensitive delivery options
- Staged project shipping
- Tailored last-mile delivery

## RFS RADIAFLEX FEATURES

### ✓ PROVIDES SEAMLESS NETWORK AVAILABILITY

- Provides contoured RF indoor coverage
- Allows for future-proof system concepts
- Available in seven distinct series for variety of applications

### ✓ ACHIEVES REGULATORY COMPLIANCE

- Meets all major international flame- and fire-retardancy standards
- Supports all major services up to 6 GHz
- Features a broad selection of jacketing, coupling losses and bending radii



[FOR MORE DETAILS VISIT ANIXTER.COM/SHOPRFS](#)

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**Legal Statement:** [anixter.com/legalstatement](http://anixter.com/legalstatement)

At Anixter, we enable the connected world. By building, connecting, protecting and powering valuable assets and critical infrastructures, we help to sustain and grow businesses and communities worldwide. We accomplish this by offering full-line solutions, technical intelligence, supply chain expertise and an unmatched global distribution network.

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