



# PAD/PADX Microwave Antennas

Cost-effective, improved-performance microwave antennas meet FCC category A standards without a shroud



## The optimal combination of performance and price

Our field-proven and highly reliable PAD and PADX antennas have been instrumental in the deployment of 4G and LTE networks in North America. Additionally, they support capacity requirements for public safety, mission critical systems, utilities, and state and local government networks without the costs of using high-performance antennas.

The FCC Category A compliant PAD/PADX antennas provide good radiation performance, particularly in the back end, as well as an efficient feed design and deep-dish reflector that improve front-to-back ratio. The antennas are available in 6-, 8- and 10-ft diameters to enable long-haul links in less densely populated areas at a lower cost. They also reduce tower loading as well as leasing and zoning costs.

All RFS TrunkLine antennas are ideal for microwave backbone networks, long distances and high capacity applications and are designed for easy installation on towers.

Stringent design and quality testing procedures ensure that every RFS microwave antenna meets or exceeds electrical, mechanical and environmental performance standards with no compromises and no surprises.

---

**RFS provides complete antenna systems with antennas, waveguide, dehydrators, rectangular components, accessories and tools shipped from one location for easier project management and cost savings.**

---

## Exclusive Features and Benefits

*Designed for Backhauling in the USA*

- Available in ultra-wideband and wideband models that cover frequencies ranging from lower 6 GHz (including the unlicensed 5.8 GHz band) to 11 GHz
- Available in single- and dual-polarization models with the ability to upgrade and change frequencies in the field (in most cases) just by swapping the feed horn from the back and without dismounting the antennas
- The antennas feature a spun backing design for greater mechanical stability and more secure links ensuring the best operational wind speed performance on the market
- The unshrouded design is engineered to be lightweight to ease zoning requirements, reduce tower loading and minimize shipping and installation costs
- The antennas are finished with a unique industry process called powder painting that guarantees a longer product life and protection on your investment
- Every model, regardless of size, polarization and frequency, is available with or without a radome



Product Specifications

Frequency Range, MHz	Polarization	Model Number* Without Radome	Model Number* With Radome	Diameter, ft (m)	FCC Standard
5.725 GHz to 7.125 GHz	Dual	<a href="#">PADX6-U57AC</a>	PADX6-U57AC1S1R	6 (1.8)	FCC Category A
		<a href="#">PADX8-U57AC</a>	PADX8-U57AC1S1R	8 (2.4)	
		<a href="#">PADX10-U57AC</a>	PADX10-U57AC1S1R	10 (3.0)	
5.725 GHz to 6.875 GHz	Single	<a href="#">PAD6-W57BC</a>	PAD6-W57BC1S1R	6 (1.8)	
		<a href="#">PAD8-W57AC</a>	PAD8-W57AC1S1R	8 (2.4)	
		<a href="#">PAD10-W57AC</a>	PAD10-W57AC1S1R	10 (3.0)	
5.725 GHz to 6.875 GHz	Dual	<a href="#">PADX6-W57AC</a>	PADX6-W57AC1S1R	6 (1.8)	
		<a href="#">PADX8-W57AC</a>	PADX8-W57AC1S1R	8 (2.4)	
		<a href="#">PADX10-W57AC</a>	PADX10-W57AC1S1R	10 (3.0)	
5.925 GHz to 6.425 GHz	Single	<a href="#">PAD6-59BC</a>	<a href="#">PAD6-59BC1S1R</a>	6 (1.8)	
		<a href="#">PAD8-59AC</a>	<a href="#">PAD8-59AC1S1R</a>	8 (2.4)	
		<a href="#">PAD10-59AC</a>	PAD10-59AC1S1R	10 (3.0)	
5.925 GHz to 6.425 GHz	Dual	PADX6-59BC	PADX6-59BC1S1R	6 (1.8)	
		PADX8-59AC	PADX8-59AC1S1R	8 (2.4)	
		PADX10-59AC	PADX10-59AC1S1R	10 (3.0)	
5.925 GHz to 6.875 GHz	Single	<a href="#">PAD6-W59BC</a>	PAD6-W59BC1S1R	6 (1.8)	
		<a href="#">PAD8-W59AC</a>	PAD8-W59AC1S1R	8 (2.4)	
		<a href="#">PAD10-W59AC</a>	PAD10-W59AC1S1R	10 (3.0)	
5.925 GHz to 6.875 GHz	Dual	<a href="#">PADX6-W59BC</a>	PADX6-W59BC1S1R	6 (1.8)	
		<a href="#">PADX8-W59AC</a>	PADX8-W59AC1S1R	8 (2.4)	
		<a href="#">PADX10-W59AC</a>	PADX10-W59AC1S1R	10 (3.0)	
6.425 GHz to 7.125 GHz	Single	<a href="#">PAD6-65BC</a>	PADX6-65BC1S1R	6 (1.8)	
		<a href="#">PAD8-65AC</a>	PADX8-65AC1S1R	8 (2.4)	
		<a href="#">PAD10-65AC</a>	PADX10-65AC1S1R	10 (3.0)	
10.7 GHz to 11.7 GHz	Single	<a href="#">PAD6-107BC</a>	PAD6-107BC1S1R	6 (1.8)	
		<a href="#">PAD8-107AC</a>	PAD8-107AC1S1R	8 (2.4)	
		<a href="#">PAD10-107AC</a>	PAD10-107AC1S1R	10 (3.0)	
10.7 GHz to 11.7 GHz	Dual	<a href="#">PADX6-107BC</a>	PADX6-107BC1S1R	6 (1.8)	
		<a href="#">PADX8-107AC</a>	PADX8-107AC1S1R	8 (2.4)	
		<a href="#">PADX10-107AC</a>	PADX10-107AC1S1R	10 (3.0)	

\* Antennas are readily available in white (RFS standard color) and gray (as an option); other colors, such as brown, are available upon request.

NOTE: For complete product specifications, please visit our eCatalog; if a hyperlink is available, click the Model Number above to access the datasheet.