SerenityLine® 6-ft ETSI Class 4 Antennas

Super-high performance microwave antennas for 6 and 11 GHz long-haul links in North America

Interference issues on microwave links are no longer limited to urban and suburban networks. As microwave users densify their networks end-to-end, minimizing interference on long-haul microwave links has become a critical requirement.

RFS SerenityLine 6-ft microwave antennas provide the extremely tight radiation pattern envelope (RPE) needed to add 6 GHz or 11 GHz links to already-congested networks with no worries about interference and no need to move to a larger antenna. The ETSI Class 4 microwave antennas also simplify the frequency coordination process and expedite microwave deployments.

Together these benefits allow microwave users to meet the rising network capacity requirements in long-haul microwave networks with lower total cost of ownership and high performance end-to-end.

The best antennas in their class

Compared to competing 6-ft ETSI Class 4 microwave antennas, RFS SerenityLine antennas:

- Provide higher gain
- Provide higher cross-polarization discrimination (XPD)
- Are faster and easier to install

For maximum flexibility, the antennas are available in single- and dual-polarized models.

Built for harsh conditions

The 6-ft SerenityLine microwave antennas also feature a spun back-ring design and robust mechanical construction that can withstand high winds and other harsh conditions.

To ensure continuous high performance in the most challenging environments, the antennas are available in high wind, high ice models with the RFS extreme radome. The extreme radome features a generous overhang that is very tightly attached to the shroud with many robust connection points as well as reinforced radome material that further increases durability and resilience to severe weather.

Part of a complete portfolio

Combine 6-ft SerenityLine antennas with 1-, 2- and 3-ft SerenityLine antennas to deliver super-high-performance microwave services from urban environments through suburbs and across rural expanses.

Densify already-congested long-haul networks without increasing tower space requirements or leasing costs.

Exclusive Features and Benefits

Enable super-high microwave link performance end-to-end

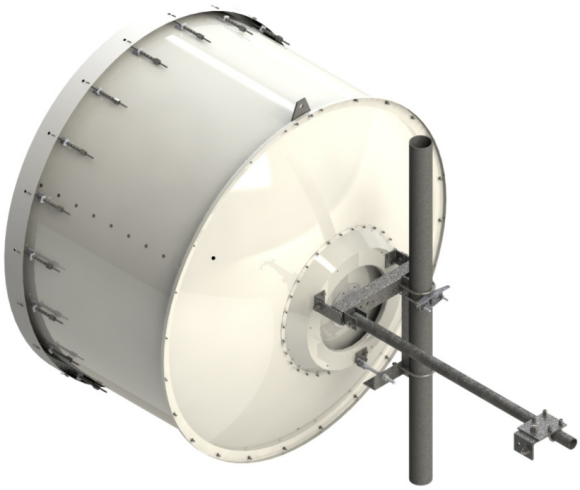
- **ESTI Class 4 performance**
  Enables higher link densities, reduces interference
- **Best-in-class gain and XPD**
  Improve link availability and capacity
- **Single- and dual-polarized models**
  Increases deployment flexibility
- **Fast and easy to install**
  Reduces installation time and costs
- **Spun back-ring design**
  Improves mechanical durability
- **High wind, high ice models available***
  Increases antenna lifespan in harsh conditions

Antenna Ordering Information*

Description	Model Number	Diameter	Frequency Range	Polarization	Flange
6 GHz Single-Polarized	**UL6-W60AC**	6ft / 1.8m	5.925 to 7.125 GHz	Single	CPR137G
6 GHz Dual-Polarized	**ULX6-W60AC**			Dual	
11 GHz Single-Polarized	**UL6-W100AC**	6ft / 1.8m	10.0 to 11.7 GHz	Single	CPR90G
11 GHz Dual-Polarized	**ULX6-W100AC**			Dual	
6 GHz Dual-Polarized High Wind, High Ice	**ULX6-W60ACSQ1E**	6ft / 1.8m	5.925 to 7.125 GHz	Dual	CPR137G
11 GHz Dual-Polarized High Wind, High Ice	**ULX6-W100ACSQ1E**		10.0 to 11.7 GHz		CPR90G

Notes: Specifications are subject to change without notification | Consult RFS for other flange combinations and options

* High wind high ice models, only available in RFS North America



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