



RFStar™ UHF Slotted Array Antenna

The RFStar™ UHF slotted array antennas provide a simple and reliable option for single or dual channel fixed polarization applications. They are fully enclosed in a radome for high performance and reliability. They are available in horizontal, elliptical and circular polarizations. Three types of vertical patterns are available, with varying degrees of null fill. Various azimuth radiation patterns are also available as shown in this product datasheet.

FEATURES / BENEFITS

- ➔ Low wind load
- ➔ Horizontal, Elliptical and Circular polarizations available
- ➔ Wide range of azimuth and elevation patterns and null fill options
- ➔ Single channel or Dual channel options available for adjacent channel allocations
- ➔ Top mounted and side mounted options available
- ➔ Rugged design with enclosed radome for high performance and reliability
- ➔ Manufactured in the USA – local staff ready to support your deployments



Broadcast Facility in Meriden, CT, USA

Technical Features

STRUCTURE

Product Line		Antenna TV
Product Type		Band IV/V (UHF) TV Slot Antennas

ELECTRICAL SPECIFICATIONS

Frequency Range	MHz	470 - 698
Operating Frequency Ranges	MHz	470 - 698
Polarization		Horizontal / Circular / Elliptical
VSWR		< 1.08:1 (1.04:1 typical)

MECHANICAL SPECIFICATIONS

Number of Channels		Single (Dual Option)
Input Connector		7-3/16, 6-1/8 or 4-1/16
Pressurization Operational	kPa (psi)	10-25 (1.4-3.6)
Pressurization Test	kPa (psi)	100 (15)

MATERIAL

Colour		Aviation Orange or White radome (other colors available on request)
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External Document Links

Notes

Full Datasheet Specifications