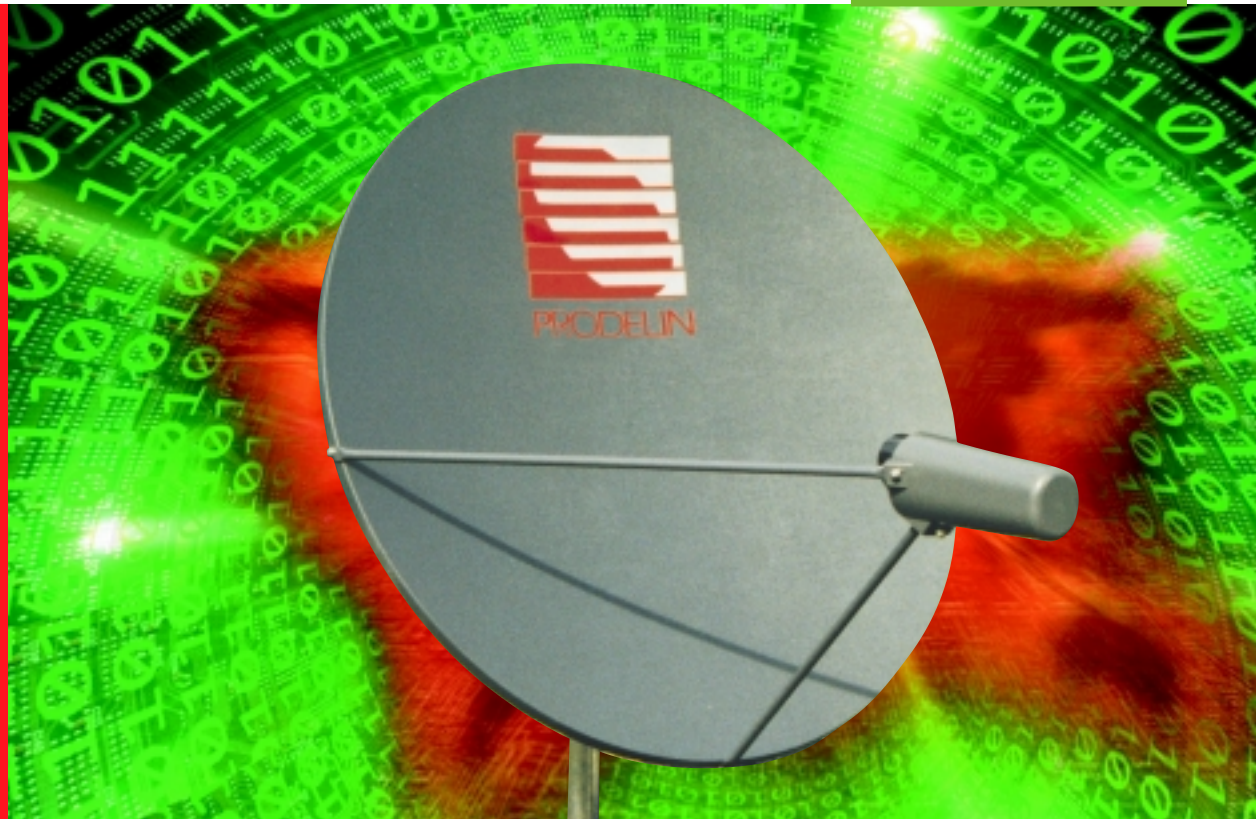


.92M KU-BAND

RECEIVE ONLY

SERIES

1921



Prodelin Corporation is the world's largest manufacturer of Rx/Tx VSAT antennas. We have the broadest product line in the industry including Receive Only, Rx/Tx and Rural Telephony antenna systems. Prodelin offers nineteen antenna sizes, 47cm to 4.5M. Prodelin is the leader in obtaining type certifications and approvals for Intelsat, AsiaSat and Eutelsat. Prodelin antennas provide the best quality in the market due to the sophisticated, precision SMC compression molding process technology. Prodelin provides the best value antenna solution to the market with competitive prices, the highest quality products and superb engineering support. Prodelin is ISO registered, KEMA # 70022.01. *Prodelin - The Market Leader in VSAT Antennas.*



Back View
Series 1921



Feed
Ku-Band

Key Features

- Precision compression molded offset reflector
- Installation time reduced with improved mount design
- Gray finish steel Az/El Mount
- Low visual impact, gray reflector
- Wall and flat roof mount available

Receive Only
Series 1921

.92M KU-BAND
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SERIES
1921

Electrical		Series 1921 Ku-Band
Antenna Size		.92M (36 in.)
Operating Frequency (GHz)		10.95 - 12.75 GHz
Midband Gain (± .2dB)		39.6 dBi
3 dB Beamwidth		1.9°
Antenna Noise Temperature		
20° elevation		48 K
30° elevation		47 K
Feed Interface		WR 75
First Sidelobe (typical)		- 23 dB
Cross-Polarization		>30 dB (on axis)
VSWR		1.3:1 Max.
Mechanical		
Reflector Material		Glass Fiber Reinforced Polyester SMC
Antenna Optics		Prime Focus, Offset Feed
Mast Pipe Size		1.5" SCH 40 Pipe (1.90" OD) 4.83 cm.
Elevation Adjustment Range		5° to 90° Continuous Fine Adjustment
Azimuth Adjustment Range		360° Continuous
Mount Type		Elevation over Azimuth
Shipping Specifications		40 lbs. (18 kg.)
Environmental Performance		
Wind Loading	Operational	50 mph (80 km/h)
	Survival	125 mph (201 km/h)
Temperature	Operational	-40° to 140° F (-40° to 60° C)
	Survival	-50° to 160° F (-46° to 71° C)
Atmospheric Conditions		Salt, Pollutants and Contaminants as Encountered in Coastal and Industrial Areas
Solar Radiation		360 BTU/h/ft ²



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