

## Anti-Icing – Reflector and Feed Electrical Anti-Icing System

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### Key Features

- Feed Horn Heater
- 120 V A.C. & 240 V A.C. available on most sizes
- Factory Installation
- Power cord included

General Dynamics SATCOM Technologies 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. General Dynamics SATCOM Technologies offers nineteen antenna sizes, 47cm to 4.5M. General Dynamics SATCOM Technologies is the leader in obtaining type certifications and approvals for Intelsat, AsiaSat and Eutelsat. General Dynamics SATCOM Technologies' antennas provide the best quality in the market due to the sophisticated, precision SMC compression molding process technology.

General Dynamics SATCOM Technologies provides the best value antenna solution to the market with competitive prices, the highest quality products and superb engineering support.

General Dynamics SATCOM Technologies is ISO registered, KEMA # 70022.01.  
*General Dynamics SATCOM Technologies - The Market Leader in VSAT Antennas.*

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System Size*	Aperture Application*	Back Cover	Watts Operating		Current (amps)		Cord Length
			120 VAC	240 VAC	120 VAC	240 VAC	
0.74M Elliptical SMC	Full	Full Cover	163	N/A	1.4	N/A	50'
0.74M Elliptical Metal	Full	Full Cover	200	N/A	1.7	N/A	30'
0.98M 0.8f/d	Half	Half Cover	165	N/A	1.4	N/A	30'
0.98M 0.8f/d	Half	Full Cover	195	195	1.7	0.9	30'
1.2M 0.6f/d	Half	Half Cover	225	250	1.9	1.1	50'
1.2M 0.8f/d	Half	Half Cover	325	325	2.7	1.4	30'
1.8M 0.6f/d	Half	Half Cover	485	550	4.1	2.3	50'
1.8M 0.8f/d	Half	Half Cover	575	575	4.8	2.4	50'
2.4M 2-piece	Half	Half Cover	775	785	6.5	3.3	50'
2.4M 4-piece	Half	2 Quads	900	900	7.5	3.8	50'
3.8M	Three-Quarters	3 Quads	N/A	4325**	N/A	10.4	50'
<b>CSA APPROVED SYSTEMS</b>							
0.74M Elliptical SMC	Full	Full Cover	175	N/A	1.5	N/A	30'
0.98M 0.8f/d	Half	Full Cover	175	N/A	1.5	N/A	30'
1.0M Rectangular	Half	Full Cover	175	N/A	1.5	N/A	30'
1.2M 0.8f/d	Half	Half Cover	315	N/A	2.7	N/A	30'

\*Other Sizes and Aperture Coverage Available

\*\* Three-Phase

Prodelin Anti-Iced Antennas have power densities of approximately 35 watts per sq. ft. of heated surface, utilizing the "Blanket" resistive wire technique.

The Moisture/Temperature version is an automatic system that will activate heaters when the temperature falls below about 38 degrees Fahrenheit (3 C.) and sufficient moisture is present to permit the formation of solid precipitants. These features are cost savings driven so that power is applied only when atmospheric conditions warrant.

Systems include a selector switch permitting the operator to energize the heaters at any time, or to disable (turn off) the automatic feature at discretion.

Systems with Temperature-only controls activate heaters at about 38 degrees Fahrenheit and remain on until temperatures rise above 45 degrees Fahrenheit.

## GENERAL DYNAMICS SATCOM Technologies

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