



AFFORDABLE PERFECTION

V-SAT Antennas

3.8M, 4.2M, Tx/Rx C-Band, Linear & Circular



Reinforced Edge



2-Port Tx/Rx C-Band Feed



Description

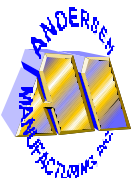
Hydro-formed Aluminum Antennas

Hydro-forming aluminum to an accurate parabolic antenna with no flat spots, ripples, humps or flaws which cause signal distortion is the secret. Hydro-formed stress tempered aluminum provides accuracy unparalleled in the microwave industry. Segmentation for shipping and rooftop installs, has no affect on the hydro-formed parabolic shape. Hydro-forming creates a perfectly smooth parabolic surface in the dish face giving **TRUE FOCUS** the best C-band and Ku-band performance available.

- Accurate RMS
- No separation or weather cracking
- Simple installation
- 4-piece construction
- Antenna has reinforced edges
- Heavy duty AZ-EL mount for extreme pointing accuracy & stability

TRUE FOCUS has a complete line of antennas ranging in size from 1.2M (48") to 4.2M(14') In prime focus and offset configurations.

For more information, Call 800-635-6106



Andersen Manufacturing Inc.

www.anderseninc.com

email: andersen@srv.net

3125 N. Yellowstone Hwy. Idaho Falls, Idaho 83401 • (208) 523-6460 • Fax (208) 523-6562



AFFORDABLE PERFECTION

V-SAT Antennas

3.8M, 4.2M, Tx/Rx C-Band, Linear & Circular

ELECTRICAL	3.8m Model # 4P12.5-C	4.2m Model # 4P14-C
Frequency GHz	3.7-4.2, 5.925 - 6.425	3.7-4.2, 5.925-6.425
Gain dBi (Typical)	42.5 45.4	43.6 46.4
3dB Beamwidth	1.3 .85	1.23 .82
Noise Temperature °Kelvin (@30° Elevation)	35°	33°
Cross Polarization - On Axis (Minimum dBi)	30 dB	30 dB
Typical G/T at 20° Elevation, 3.7 GHz, 20° Lnb	24.6 dB/K	25.7 dB/K
VSWR (Maximum)	1.3:1	1.3:1
MECHANICAL	3.8m	4.2m
Reflector F/D Ratio	.375	.375
Surface Accuracy (Typical RMS)	.040"	.040"
Antenna Style	Prime Focus	Prime Focus
Number of Sections	4	4
Reflector Material: Hydro-formed	.125 Aluminum	.125 Aluminum
Feed support Type	Quad	Quad
Focal Length	56.25"	63"
ENVIRONMENTAL	3.8m	4.2m
Wind Loading (Miles Per Hour): Operational (Minimum) Survival	60 mph 125 mph	60 mph 125 mph
Temperature (°Fahrenheit): Operational (Minimum) Survival	-20 - 125 F -40 - 165 F	-20 - 125 F -40 - 165 F
MOUNT OPTIONS	3.8m	4.2m
Commercial Azimuth/Elevation Mount	Yes	Yes
Pipe Size (Outside Dimensions)	8 5/8"	8 5/8"
Polar Mount	N/A	N/A
PRODUCT SPECIFICATIONS	3.8m	4.2m
Mount Weights	400 Lbs	400 Lbs
Antenna Weight & Hardware	300 Lbs	360 Lbs
Antenna & Mount Finish / Color	Powder Coat / White	Powder Coat / White



Andersen Manufacturing Inc.

www.anderseninc.com

email: andersen@srv.net

3125 N. Yellowstone Hwy. Idaho Falls, Idaho 83401 • (208) 523-6460 • Fax (208) 523-6562