



This antenna is available upon request.  
Also see similar 40° design  
V7C-FRO-440

# SA15-40

40° Azimuth Beam, 48.2 inches

Directing our energies for you.

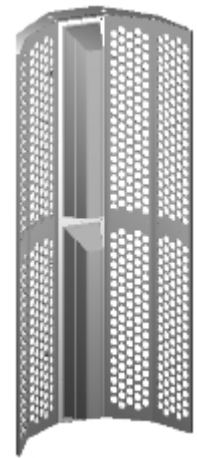
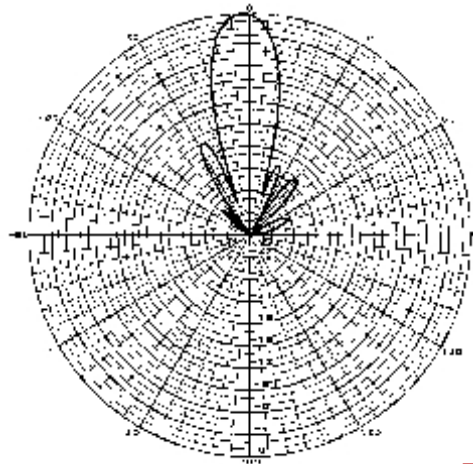
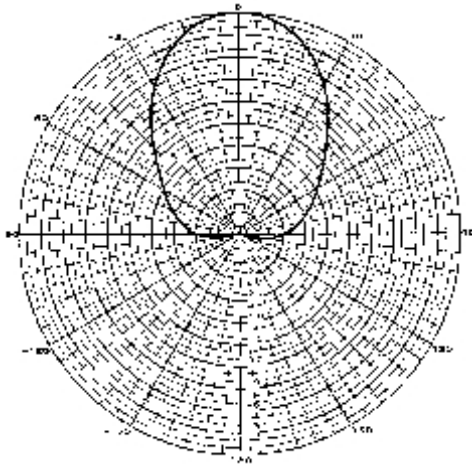
824-896 MHz Band

## Electrical Specifications

Frequency	824-896 MHz
Polarization	Vertical
Gain	15.2 dBd
Horizontal Beam (3dB Points)	40°
Vertical Beam (3dB Points)	15°
Electrical Downtilt Options	0, 2, 4 or 6°
VSWR	<1.35:1
Front-to-Back at Horizon	>30 dB
Upper Side Lobe Suppression	<-18 dB
Impedance	50 Ohms
Power Input Per Connector (W CW)	500 Watts
Intermodulation (2x20W)	typ -150 dBc

## Mechanical Specifications

Input Connector (female)	Back 7/16 DIN (silver finish).
Antenna Dimensions (LxWxD)	48.2 x 22.7 x 11.3 (inches)
Antenna Weight	20.2 lbs
Bracket Weight	13.2 lbs
Lightning Protection	Direct Ground
RF Distribution	Silver Plated Brass
Radome	Ultra High-Strength Luran
Weatherability	UV Stabilized, ASTM D1925
Radome Water Absorption	ASTM D570, 0.45%
Environmental	MIL-STD-810E
Wind Survival	150 mph
Front Wind Load at 100 mph	112 lbs
Front Flat Plate Equivalent	2.27 sq-ft. (c=2)
Mounting Brackets	Fits 2.5 to 3 Inch Schedule 40 Pipe
Mechanical Downtilt Range	0-12°
Clamps/Bolts	Hot Dip Galvanized Steel/Stainless Steel



**5 Year Warranty**

## Ordering Information & Options

SA15-40-x

"-x" is a placeholder for the built-in fixed electrical downtilt in degrees, set to 0, 2, 4, 6

SA15-40-x-j#

add a "-j#" to add a 1/2" RF cable, where "#" is the cable length, "j2" is 2 meters, "j4" is 4 meters, "j6" is 6 meters...