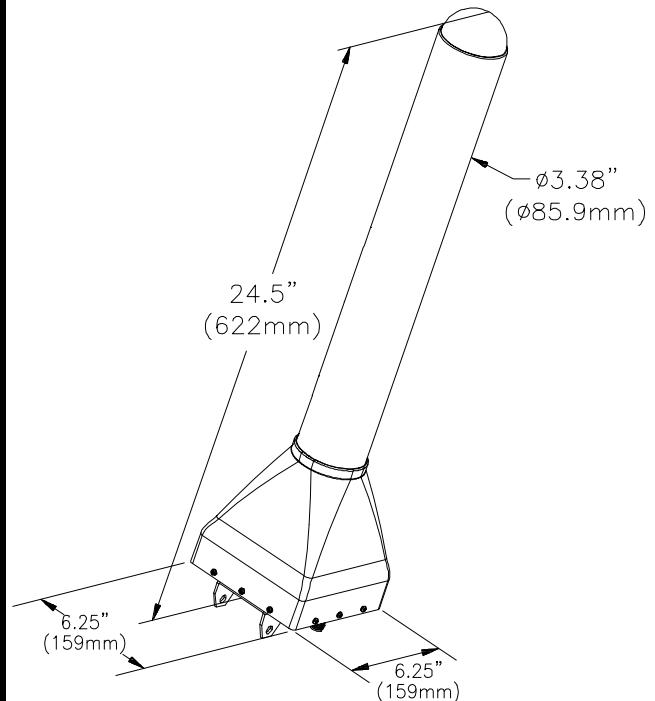


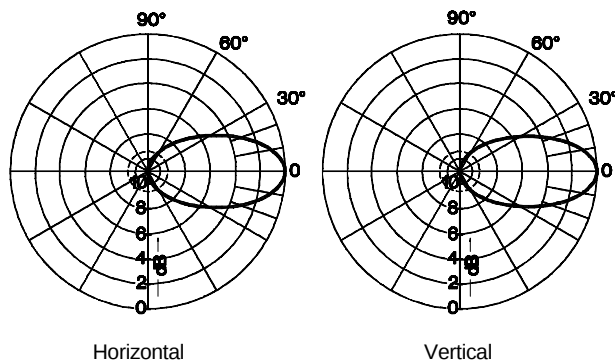
DB798(N/E)-KL

11 dBd Directional Antenna
1710 - 1880 MHz

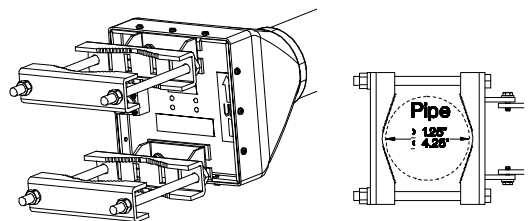
Model Number	DB798N-KL	DB798E-KL
Termination	Type N - Female	7/16 DIN
Frequency Range	1710 - 1880 MHz	
Gain	11 dB (13.1 dBi) typical	
VSWR	1.5:1 or less	
Beamwidth (3dB from max)	Horizontal 38°, typical	Vertical 37°, typical
Front to Back Ratio	23 dB, typical	
Polarization	Vertical	
Max. Input Power	100 Watts	
Application	Control or Point-to-Point	
Weight	2.5 lbs (1.1 kg)	
Wind Area	.5 ft ² (.05 m ²)	
Wind Load	20 lbf (89 N) 9 kp (at 100 mph)	
Max. Wind Speed	100 mph (160 km/h)	
Material	Radiators: Pass. Aluminum	Radome: ABS, UV Stabilized
	Mtg. Hardware: Galvanized Steel	
Color	Radome: Gray	
Mounting	Two DB390 mounting brackets.	
Weather Protection	UV stabilized ABS radome.	
Lightning Protection	Direct ground.	
Packing Size	35" x 10" x 15" (89 x 25 x 38 cm)	
Shipping Weight	12 lbs (5.4 kg)	



Antenna Patterns



DB390 Mounting Brackets



11.0 dBd (13.1 dBi) Gain Directional
Yagi Antenna enclosed in an overall
radome cover with 38° horizontal
3 db beamwidth for 1710-1880 MHz.

Specifications are for reference only.

099139-000-D 7/98



DECIBEL PRODUCTS
A Division of Allen Telecom Inc.

8635 Stemmons Freeway • P. O. Box 569610 • Dallas, Texas 75356-9610
214 / 631-0310 • Fax: 214 / 631-4706

