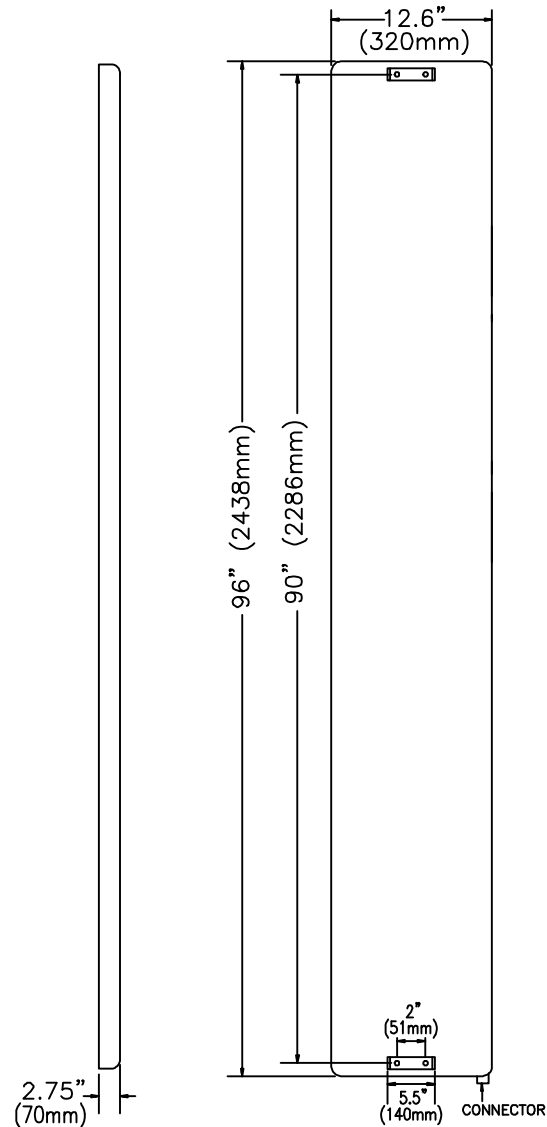
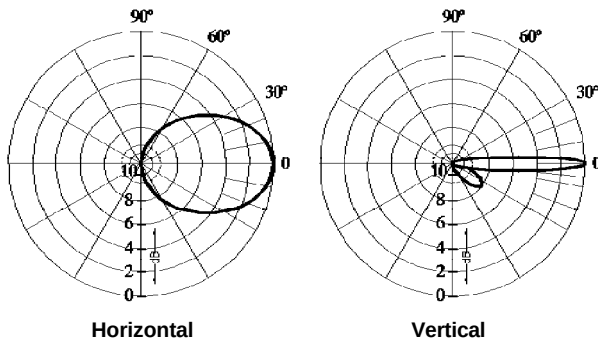


DB898H60(E)-SX

Flat Panel Antenna
806 - 896 MHz

Model Number	DB898H60(E)-SX	
Termination	Type N-Female	7-16 DIN
Frequency Range	806 - 896 MHz	
Gain	16.0 dBd (18.1 dBi)	
VSWR	< 1.5 : 1	
Beamwidth (3dB from max)	Horizontal: 60°	Vertical: 8°
Front to Back Ratio	> 25 dB	
Polarization	Vertical	
Max. Input Power	500 Watt	
Application	Trunking, Amps, Cellular	
Weight	26 lbs. (12 kg.)	
Wind Area	8.4 ft² (0.78 m²)	
Wind Load	336 lbf (1495N) 151 kp (at 100 mph)	
Max. Wind Speed	110 mph (177 km/h)	
Material	Reflector: Pass. Aluminum	Radiator: Brass
	Radome: ABS, Inhibited	Mounting Hdw: Galvanized Steel
Color	Light Gray	
Mounting	DB380 pipe mount kit (Max. 3.5" OD), included.	
Downtilt Brackets (Optional)	DB5083	
Weather Protection	Fully protected by metal and ABS radome.	
Lightning Protection	All metal parts grounded.	
Packing Size	98" x 16" x 9"(249 x 41 x 23 cm)	
Shipping Weight	73 lbs. (33 kg)	

Antenna Patterns



16 dBd (18.1 dBi) Flat Panel
Antenna with 60° horizontal 3 dB
beamwidth in an ABS radome.

Specifications are for reference only.

099093-002 4/99A



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



60°