

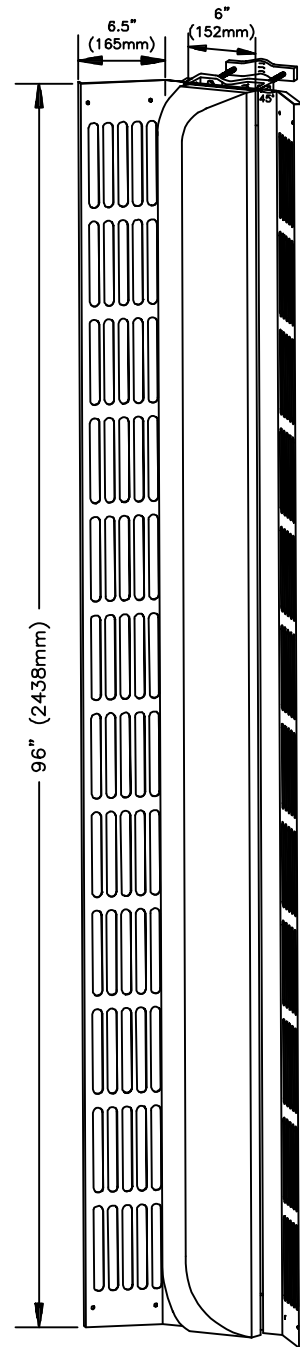
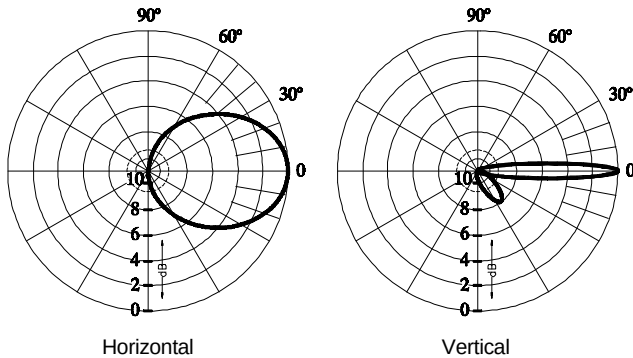
DB848H65(E)-XY

dB Director®

16 dBd, 65°, Directional Log Periodic Antenna

Model Number	DB848H65-XY	DB848H65E-XY
Termination	Type N-Female	7/16 DIN
Frequency Range	806-960 MHz	
Gain	16 dBd (18.1 dBi)	
VSWR	< 1.4 : 1	
Beamwidth (3dB from max)	Horizontal: 65° ± 2° Vertical: 7.5° ± 1°	
Front to Back Ratio	> 40 dB	
Polarization	Vertical	
Max. Input Power	500 Watts	
Application	Trunking	
Weight	38 lbs (17.3 kg)	
Wind Area	10 ft² (.93 m²)	
Wind Load	400 lbf (1779 N) 179.7 kp (at 100 mph)	
Max. Wind Speed	125 mph (200 km/h)	
Material	Reflectors: Aluminum Radiators: Brass Back Panel: Pass. Aluminum Radome: ABS Mounting Hdw: Galvanized Steel	
Color	Normal: Gray	
Mounting	DB380 pipe mount kit (max. 3.5" OD), included.	
Downtilt Brackets (Optional)	DB5083	
Weather Protection	Fully protected by metal and ABS.	
Lightning Protection	All metal parts grounded.	
Packing Size	98" x 26" x 12" (249 x 66 x 30 cm)	
Shipping Weight	67 lbs (30 kg)	

Antenna Patterns



16 dBd (18.1 dBi) Gain Directional Log Periodic Antenna with 65° horizontal 3 dB beamwidth for 806-960 MHz.

Specifications are for reference only.

099162-007-A 2/99



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



65°