

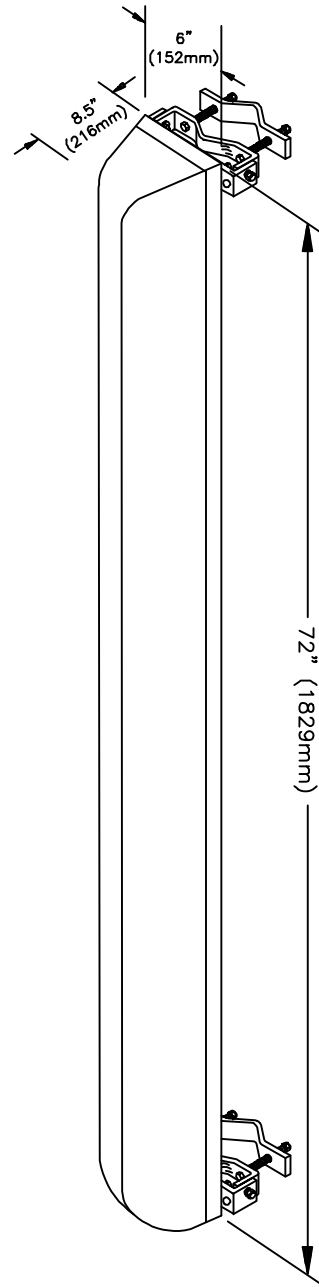
DB846H105(E)-SX

dB Director®

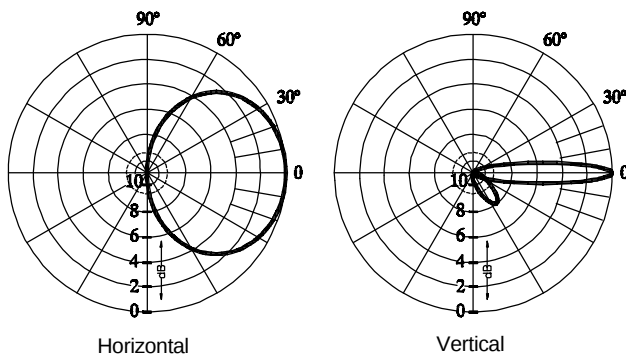
12.5 dBd, 105°, Directional Log Periodic Antenna, 806-896 MHz

105°

Model Number	DB846H105-SX	DB846H105ESX
Termination	Type N-Female	7/16 DIN
Frequency Range	806-896 MHz	
Gain	12.5 dBd (14.6 dBi)	
VSWR	< 1.4:1	
Beamwidth (3dB from max)	Horizontal: 105° ± 5° Vertical: 10° ± 1°	
1st Upper Side Lobe	> 15 dB below main lobe.	
1st Lower Null	< 15 dB below main lobe.	
Front to Back Ratio	35 dB	
Polarization	Vertical	
Max. Input Power	500 Watts	
Application	Amps Cellular and Trunking	
Weight	15 lbs (6.8 kg)	
Wind Area	3 ft² (0.28 m²)	
Wind Load	120 lbf (534N) 53.9 kp (at 100 mph)	
Max. Wind Speed	125 mph (201 km/h)	
Material	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	85" x 10" x 15" (216 x 25 x 38 cm)	
Shipping Weight	43.5 lbs (19.7 kg)	



Antenna Patterns



12.5 dBd (14.6 dBi) Gain Directional Log Periodic Antenna with 105° horizontal 3 dB beamwidth for 806-896 MHz.

Specifications are for reference only.

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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

