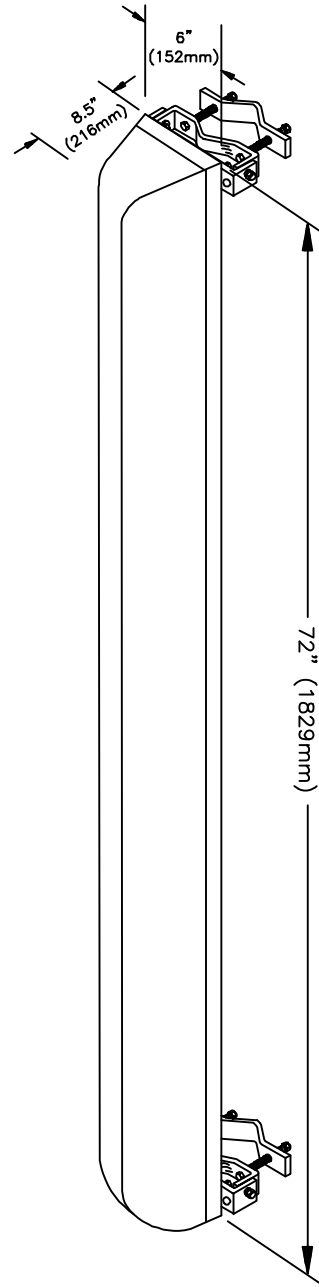


DB846H80(E)-SX

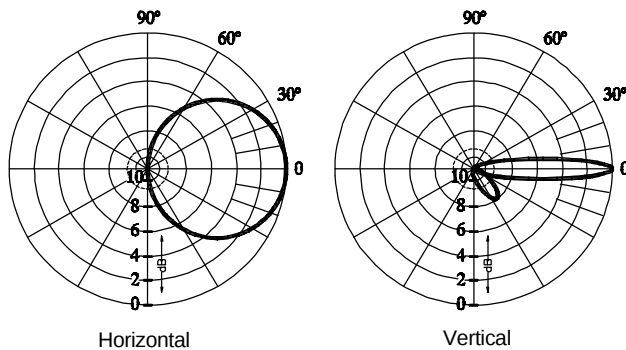
dB Director®

14 dBd, 80°, Directional Log Periodic Antenna, 806-896 MHz

Model Number	DB846H80-SX	DB846H80E-SX
Termination	Type N-Female	7/16 DIN
Frequency Range	806-896 MHz	
Gain	14 dBd (16.1 dBi)	
VSWR	< 1.5:1	
Beamwidth (3dB from max)	Horizontal: 80° ± 5° Vertical: 11° ± 1°	
Front to Back Ratio	> 40 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



Electrical Downtilt (T) Option

Model Number	Downtilt	Gain
846H80T5E-SX	5°	13.7 dBd (15.8 dBi)

Specifications are for reference only.

099214-001D 05/00



DECIBEL PRODUCTS

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