

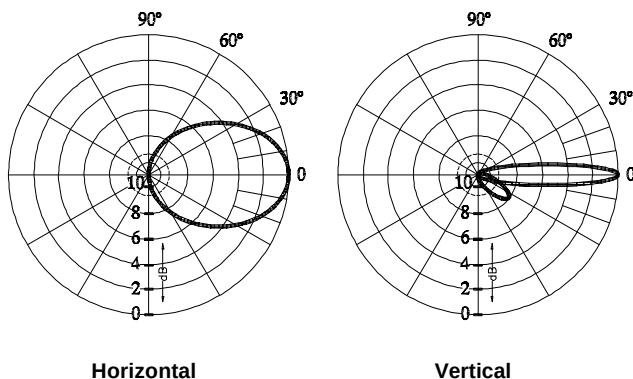
DB896H60(E)-SX

Flat Panel Antenna

806-896 MHz

Model Number	DB896H60-SX	DB896H60E-SX
Termination	Type N-Female	7-16 DIN
Frequency Range	806 - 896 MHz	
Gain	15 dBd (17.1 dBi)	
VSWR	< 1.5 : 1	
Beamwidth (3dB from max)	Horizontal: 60° Vertical: 9°	
Front to Back Ratio	> 25 dB	
Polarization	Vertical	
Max. Input Power	500 Watt	
Other Information	Weatherproof connector cover.	
Weight	21 lbs. (9 kg.)	
Wind Area	6.3 ft² (0.58 m²)	
Wind Load	252 lbf (1121N) 113 kp (at 100 mph)	
Max. Wind Speed	125 mph (200km/h)	
Material	Radiator: Radome: Mtg. Hardware:	Brass ABS, UV Inhibited 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 radome.	
Lightning Protection	All metal parts grounded.	
Packing Size	77" x 14" x 8" (195 x 35 x 20)	
Shipping Weight	31 lbs. (14 kg)	

Antenna Patterns



Technical drawing of the 1200mm x 600mm x 25mm LED panel, showing front and side views with dimensions in inches and millimeters.

Front View Dimensions:

- Overall Width: 12.6" (320mm)
- Overall Height: 72" (1829mm)
- Mounting Hole Spacing (Center-to-Center): 66" (1676mm)
- Mounting Hole Diameter: 2" (51mm)
- Panel Thickness: 2.75" (70mm)

Side View Dimensions:

- Panel Thickness: 2.75" (70mm)
- Mounting Hole Spacing (Center-to-Center): 5.5" (140mm)

CONNECTOR

15 dBd (17.1 dBi) Flat Panel Antenna with 60° horizontal 3 dB beamwidth for 806-896 MHz.

Specifications are for reference only.

099015-004-B 12/99



DECIBEL PRODUCTS

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