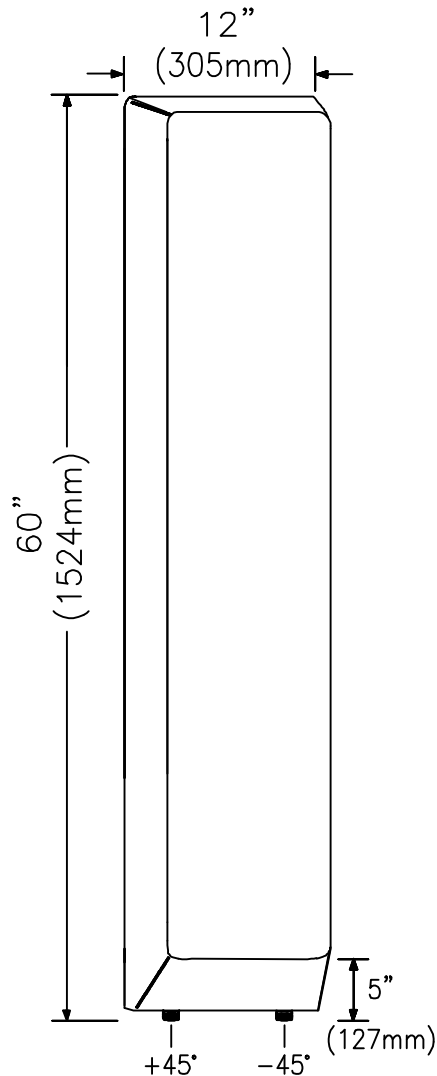


DB855DD65(- or E)SX

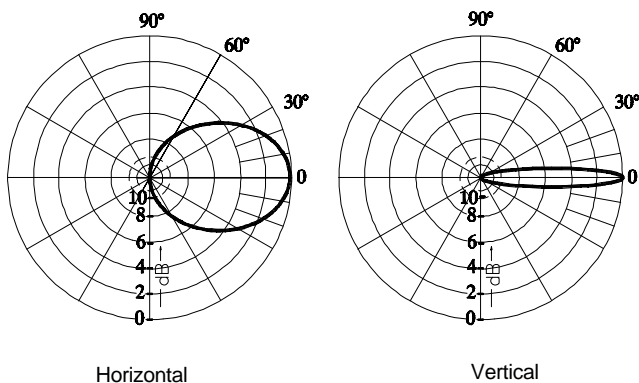
Diversity Master™

Dual Slant (+45°/-45°) Polarized Medium Gain Panel Antenna with
65° Horizontal 3 dB Coverage, 806 - 896 MHz

Model Number	DB855DD65-SX	DB855DD65ESX
Termination	Type N-Female	7/16 DIN ("E")
Frequency Range	806 - 896 MHz	
Gain	13.5 dBd (15.6 dBi)	
VSWR	< 1.4 : 1	
Beamwidth (3 dB from max.)	Horizontal: 65° Vertical: 12°	
Front-to-Back Ratio	> 25 dB	
Polarization	+45° and -45°, independently	
Isolation	> 30 dB	
Max. Input Power	500 Watts, each	
Other Information	Dual	
Application	Trunking, Cellular, AMPS	
Weight	23 lb (10.4 kg)	
Wind Area	5 ft² (0.46 m²)	
Wind Load	200 lbf (890N) 89.9 kp (at 100 mph)	
Max. Wind Speed	125 mph (200 km/h)	
Material	Reflector: Pass. Aluminum Radiators: Pass. Aluminum Radome: ABS UV Inhibited Mounting Hdw: Galvanized Steel	
Color, Radome	Light Gray	
Mounting	DB380 pipe mount kit (max 3.5" OD), included.	
Downtilt Bracket (Optional)	DB5083	
Weather Protection	Fully protected by backplate and radome.	
Lightning Protection	All metal parts grounded.	
Packing Size	70" x 17" x 11" (178 x 43 x 28 cm)	
Shipping Weight	38 lb (17.2 kg)	



Antenna Patterns



Dual polarized 13.5 dBd (15.6 dBi) directional panel antenna with 65° horizontal 3 dB beamwidth for each of the two antenna arrays housed in one radome. Two receive arrays are cross-polarized at +45° and -45° in their polarization plane.

Specifications are for reference only.

099119-012-B 8/99



DECIBEL PRODUCTS

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65°