

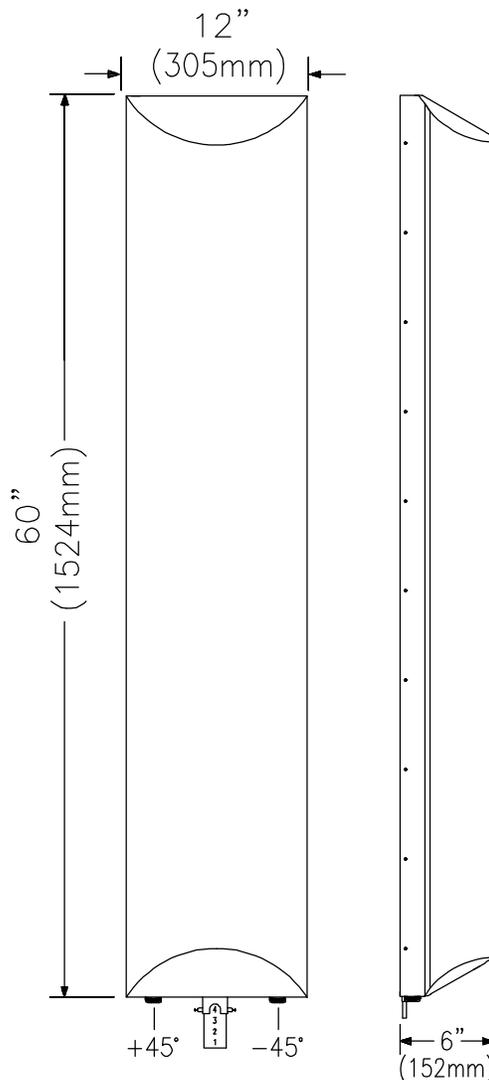
855DD65VT(- or E)SY

Diversity Master™

Dual Slant (+45°/-45°) Polarized

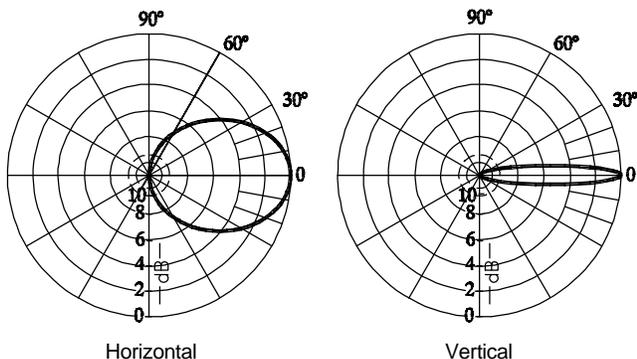
Medium Gain Panel Antenna with Adjustable Electrical Downtilt, 870-960 MHz

Model Number	855DD65VT-SY	855DD65VTESY
Termination	Type N-Female	7-16 DIN ("E")
Frequency Range	870-960 MHz	
Gain	12.8 dBd (14.9 dBi)	
VSWR	< 1.4 : 1	
Beamwidth (3dB from max)	Horizontal: 65° Vertical: 12°	
Electrical Downtilt	Adjustable downtilt of 0° -12°, securable in 1° increments.	
Front-to-Back Ratio	> 25 dB	
Polarization	+45° and -45°, independently	
Isolation	> 30 dB	
Max. Input Power	500 Watts, each	
Other Information	Dual	
Application	GSM and Paging	
Weight	28 lbs (12.7 kg)	
Wind Area	3.33 ft² (.31 m²)	
Wind Load	133 lbf (593 N) 60.5 kp (at 100 mph)	
Max. Wind Speed	125 mph (201 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	43 lbs (19.5 kg)	



65°

Antenna Patterns



Dual polarized 12.8 dBd (14.9 dBi)
Directional Panel Antenna with
adjustable electrical downtilt 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.

099119-017

7/00D



DECIBEL PRODUCTS

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