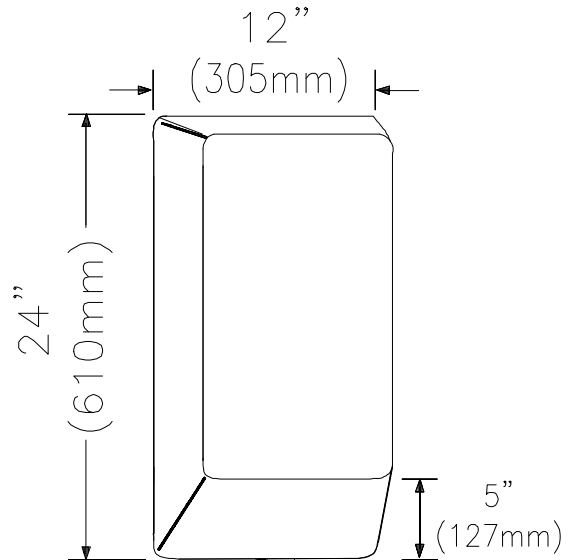


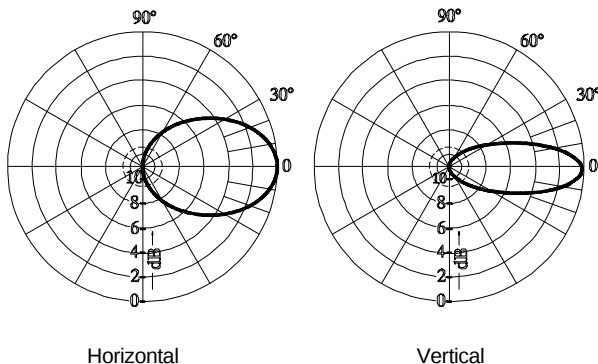
DB872G45(E)-XY

11.7 dBd 45°, MaxGain Directional Panel Antenna
806-960 MHz

Model Number	DB872G45-XY	DB872G45E-XY
Terminations	Type N-Female	7-16 DIN
Frequency Range	806 - 960 MHz	
Gain	11.7 dBd or 13.8 dBi	
VSWR	< 1.35 : 1	
Beamwidth (3dB from max)	Horizontal: 45° ± 5° Vertical: 29° ± 3°	
Front-to-Back Ratio	> 18 dB	
Polarization	Vertical	
Max. Input Power	500 Watts	
Application	Cellular, Trunking, GSM	
Weight	8.5 lb (3.9 kg)	
Wind Area	2.1 ft ² (0.19 m ²)	
Wind Load (Frontal)	84 lbf (374N) 38 kp (at 100 mph)	
Wind Load (Lateral)	33 lbf (146N) 15 kp (at 100 mph)	
Max. Wind Speed	125 mph (200 km/h)	
Material	Reflector: Pass. Aluminum Radiators: Pass. Aluminum Radome: ABS, UV Resistant Mounting Hdw: Galvanized Steel	
Color, Radome	Light Gray	
Mounting	DB380 pipe mount kit (max. 3.5" OD), included.	
Downtilt Bracket	DB5083 (Optional)	
Weather Protection	Fully protected by backplate and radome.	
Lightning Protection	All metal parts grounded.	
Packing Size	35" x 16" x 12" (89 x 41 x 30 cm)	
Shipping Weight	10 lb (4.6 kg)	



Antenna Patterns



11.7 dBd (13.8 dBi) Directional Antenna with 45° horizontal 3 dB beamwidth in a UV resistant ABS radome for 806-960 MHz.

Specifications are for reference only.

099080-001 07/00



DECIBEL PRODUCTS

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