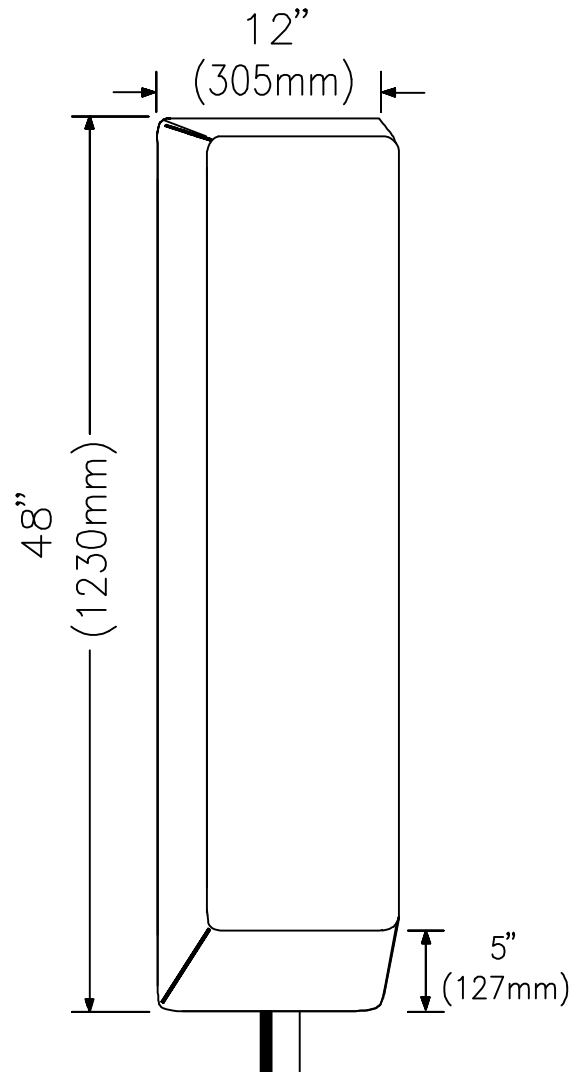
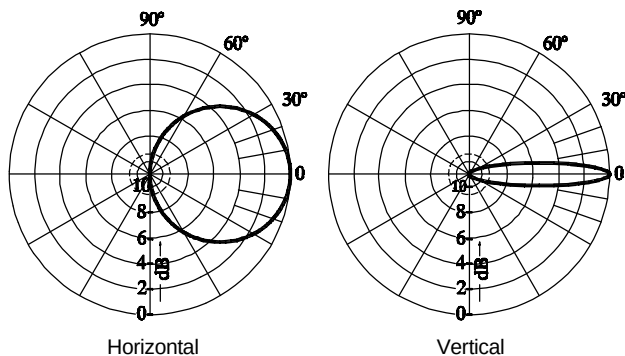


DB874H83(E)-XT

12 dBd, 83°, Directional Panel Antenna
806-869 MHz

Model Number	DB874H83-XT	DB874H83E-XT
Terminations	Type N-Female	7-16 DIN ("E")
Frequency Range	806-869 MHz	
Gain	12 dBd (14.1 dBi)	
VSWR	< 1.4 : 1	
Beamwidth (3dB from max)	Horizontal: 83° ± 7° Vertical: 14° ± 3°	
Front-to-Back Ratio	> 20 dB	
Polarization	Vertical	
Max. Input Power	500 Watts	
Application	Trunking	
Weight	15 lb (6.8 kg)	
Wind Area	4 ft² (0.37 m²)	
Wind Load	160 lbf (712N) 71.9 kp (at 100 mph)	
Max. Wind Speed	136 mph (219 km/h)	
Material	Reflector: Pass. Aluminum Radiators: Silver-Plated Brass Radome: ABS, UV Resistant 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	59" x 16" x 12" (150 x 41 x 30 cm)	
Shipping Weight	26 lb (12 kg)	

Antenna Patterns



12 dBd (14.1 dBi) Directional Antenna with
83° horizontal 3 dB beamwidth in a UV
resistant ABS radome for 806-869 MHz.

Available with electrical downtilt.

Specifications are for reference only.

099062-008-A

11/99



DECIBEL PRODUCTS
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83°