

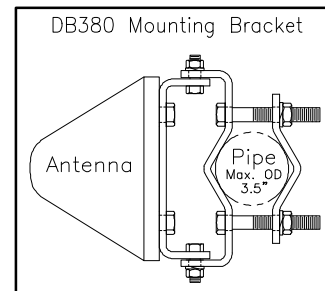
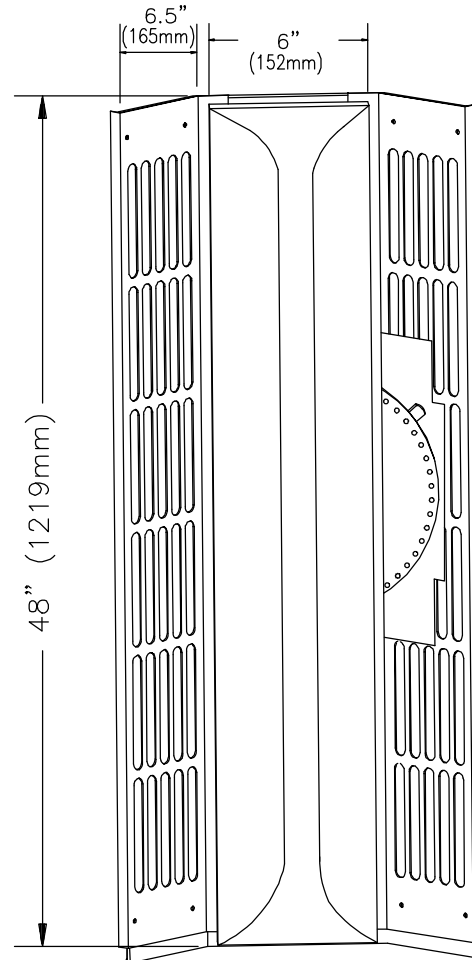
844H40VT(E)-XT

dB Director®

14 dBd, 40°, Adjustable Electrical Downtilt, Directional Log Periodic Antenna

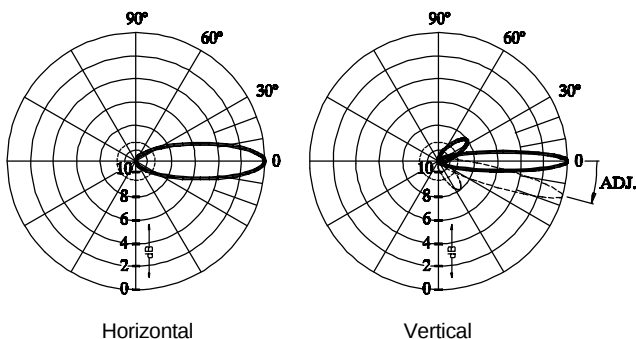
806-869 MHz

Model Number	844H40VT-XT	844H40VTE-XT
Termination	Type N-Female	7-16 DIN ("E")
Frequency Range	806-869 MHz	
Gain	14 dBd (15.1 dBi)	
VSWR	< 1.22 : 1	
Beamwidth (3dB from max)	Horizontal: 40° ± 5° Vertical: 15° ± 1°	
Electrical Downtilt	Adjustable downtilt of 0°-15°, securable in 1° increments at 15° first upper null on horizon.	
Front to Back Ratio	> 40 dB	
Polarization	Vertical	
Max. Input Power	500 Watts	
Application	AMPS Cellular and Trunking	
Weight	19 lbs (8.6 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	Reflectors: Radiators: Back Panel: Radome: Mounting Hdw:	Pass. Aluminum Brass Pass. Aluminum ABS Galvanized Steel
Color	Radome: Light Gray; Screen: Gold	
Mounting	DB380 pipe mount kit (max. 3.5" OD), included.	
Downtilt Brackets	DB5083 (optional)	
Weather Protection	Fully protected by metal and UV stabilized ABS.	
Lightning Protection	All metal parts grounded.	
Packing Size	50" x 27" x 11" (127 x 68.6 x 28 cm)	
Shipping Weight	39 lbs (17.7 kg)	



14 dBd (16.1 dBi) gain adjustable electrical downtilt directional log periodic antenna with 40° horizontal 3 dB beamwidth for 806-869 MHz.

Antenna Patterns



Specifications are for reference only.

099089-025-B 04/00



DECIBEL PRODUCTS

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