



846H80T5E-SX

13.5 dBd
Directional Log Periodic Antenna

806-896 MHz

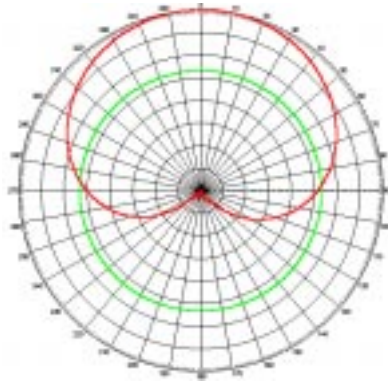
dB Director®

- 806-896 MHz
- 13.5 dBd (15.6 dBi) Gain
- 5° Electrical Downtilt
- Vertical Polarization

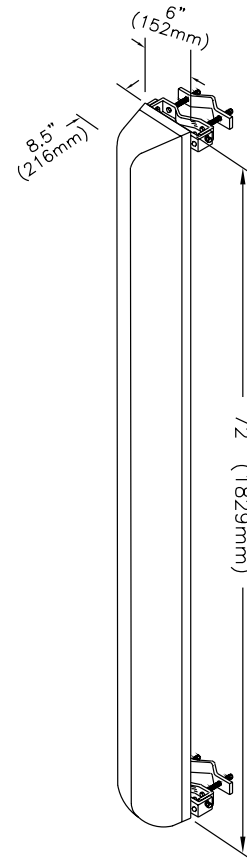
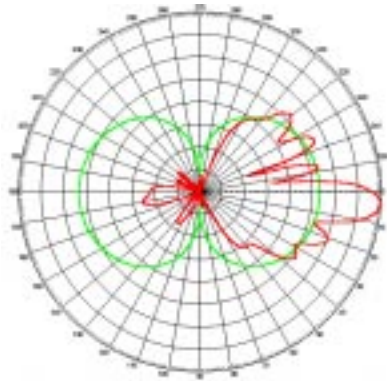
- 80° Azimuth BW
- 11° Elevation BW
- 7/16 DIN (Back)
- Cellular and Trunking

80°

Azimuth
(Horizontal)



Elevation
(Vertical)



Electrical

VSWR:	< 1.4:1
Front-to-Back Ratio:	> 40 dB, typical
Max. Input Power:	500 Watts
Impedance:	50 Ohms
Lightning Protection:	All metal parts are grounded.
Optional Connector:	N-Female

Mechanical

Weight:	15 lbs (6.8 kg)
Wind Area:	3 ft² (0.28 m²)
Wind Load:	120 lbf (534N) 53.9 kp (at 100 mph)
Max. Wind Speed:	125 mph (201 km/h)
Radiators:	Brass
Back Panel:	Pass. Aluminum
Radome:	ABS
Mounting Hardware:	Galvanized Steel
Color:	Normal Gray

Mounting Options

Standard:	DB380 pipe mount kit (max. 3.5" OD), included.
Downtilt:	DB5083 downtilt bracket, optional.

Shipping Information

Packing Size:	85" x 10" x 15" (216 x 25 x 38 cm)
Shipping Weight:	43.5 lbs (19.7 kg)

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