



DB499-K

Yagi Antenna

DECIBEL®
Base Station Antennas

- Rugged, heavy-duty designs for years of trouble-free service
- Enclosed driven element protects against icing, water penetration and corrosion
- Unique mounts allows vertical or horizontal polarization
- Easily phased together for traditional gain

ELECTRICAL

Frequency (MHz) :	890 - 960
Polarization :	Vertical
Gain (dBd/dBi) :	10/12.1
Azimuth BW (Deg.):	60
Elevation BW (Deg.):	30
Beam Tilt (Deg.):	0
Front-To-Back Ratio* (dB) :	15
VSWR :	<1.5:1
Max. Input Power (Watts) :	150
Impedance (Ohms) :	50
Lightning Protection :	DC Ground

MECHANICAL

Weight :	2.2 kg (5 lb)
Dimensions (LxWxD) :	762 x 137 x 25 mm (30 x 5.4 x 1 in)
Max. Wind Area :	0.02 m ² (0.2 ft ²)
Max. Wind Load (@ 100 mph) :	53.3 N (12 lbf)
Max. Wind Speed :	201 km/h (125 mph)
Hardware Material :	Galvanized Steel
Connector Type :	N - Type Female (1, Bottom)
Color :	Gold Anodized
Standard Mounting Hardware :	V-Bolts





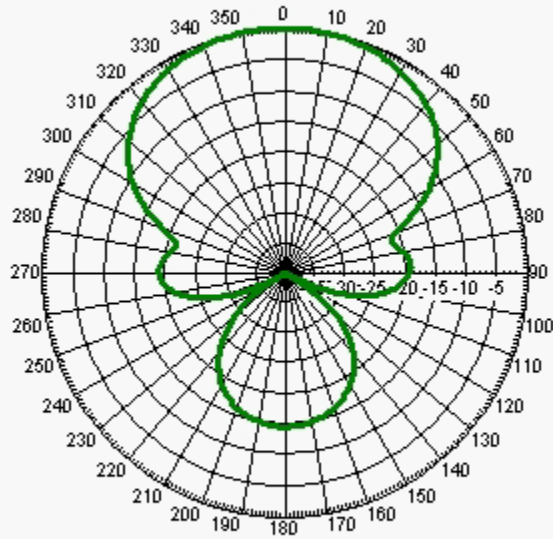
DB499-K

Yagi Antenna

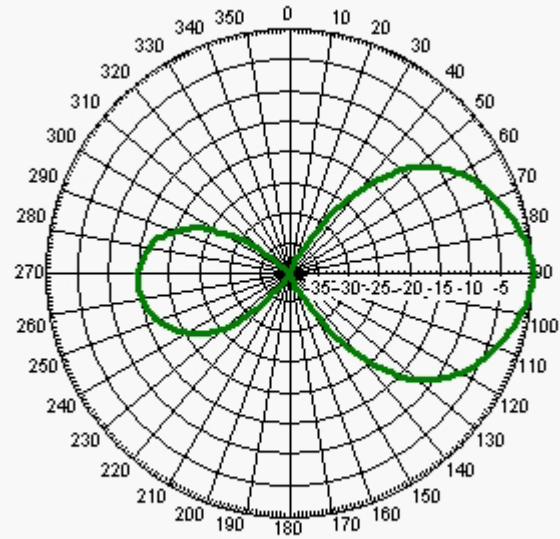
DECIBEL®
Base Station Antennas

AZIMUTH PATTERN

ELEVATION PATTERN



Freq: 900 MHz, Tilt: 0



Freq: 900 MHz, Tilt: 0