



## BROAD BAND IN-BUILDING LOG PERIODIC ANTENNA

580-2700 MHz

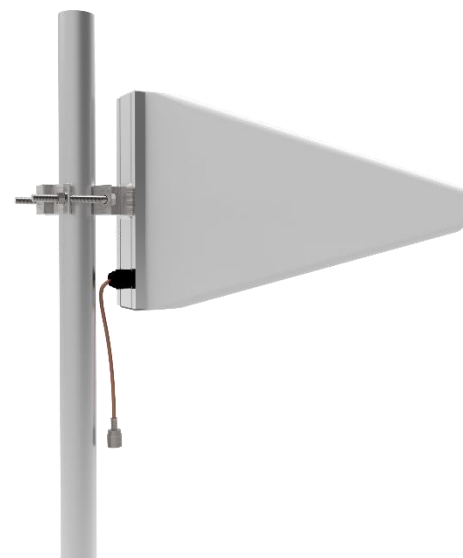
## 945-70

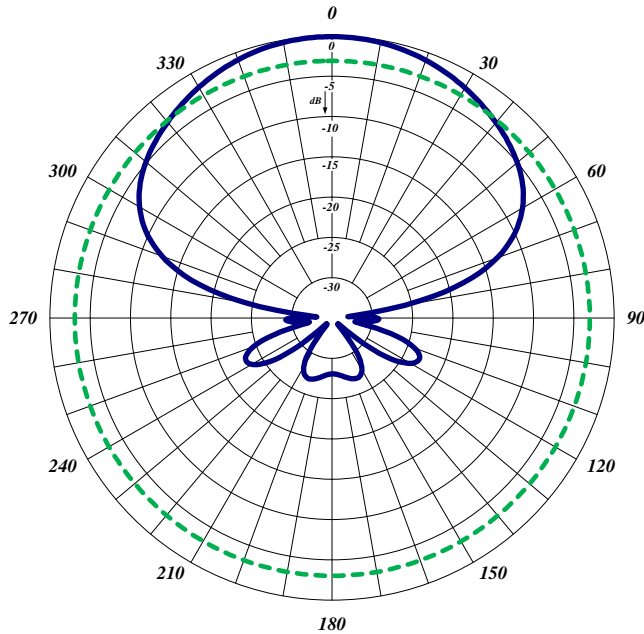
This antenna is a broadband antenna that can be used for public safety as well as in cellular bands. It makes an ideal solution for a donor antenna for a DAS system. Our In-building system antennas are designed to provide excellent coverage solutions in order for external Public Safety Radio Frequencies to propagate within buildings, tunnels or public use environments.

## Features:

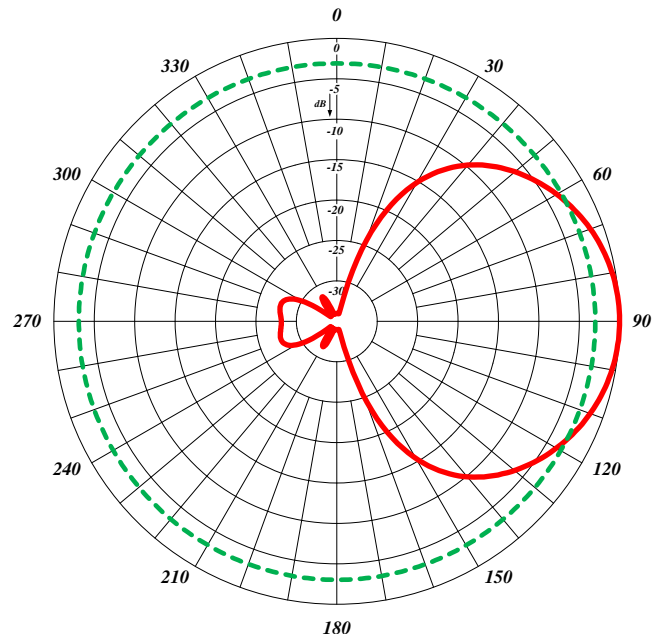
- Rugged design to withstand the most extreme environmental conditions.
- Extra wide bandwidth for use in multiple bands.

Specifications	945-70
Frequency Band:	580-2700 MHz
Gain:	8-9 dBd
Impedance:	50 Ohm
Intermodulation IM3 2 carrier, 20 W each:	-150 dBc
Power:	300 Watts at lowest frequency, 150 Watts at highest frequency
Front to back Ratio:	25 dB
Half power Horizontal Beamwidth (V Pol):	60 (high frequency) degrees -65 (low frequency) degrees
Half power Vertical Beamwidth (V Pol):	45 (high frequency) degrees -50 (low frequency) degrees
Connector:	DIN 7/16. N type also available (PIM not guaranteed with N type connector)
Max wind Velocity:	240 Km/h (150 mph)
Dimensions:	30" x 13" x 3"





Horizontal Pattern 580-1690 Vertical Polarization



Vertical Pattern 580-1690 Vertical Polarization

