

Model 1050-003
9 dB Planar Folded Dipole
904-928 MHz

The Model 1050-003 Antenna is a linear polarized precision antenna with a sealed, all-weather, Kydex radome. The SMA connector is mounted on the side of the antenna for low-stress cable entry where the antenna is directed to the horizon.

The exceptional electrical performance and high gain of this antenna makes it ideal for long range or non-“Line of Sight” data links in the 900 MHz ISM Band.

This antenna is specifically designed for ISM Band communication markets such as law enforcement, surveillance, ENG, UAV and UGV as a robust all-weather replacement for Yagi antennas. It is available with several connector types and locations and is generally mounted with a 1” Ball Diamond Bracket (available separately).

Specifications:

Frequency	904-928 MHz
Gain (min)	9 dBi
3dB Beamwidth (typ)	65° Elevation 55° Azimuth
Polarity	Vertical
VSWR	≤ 1.5:1
Power	100 Watts
Weight	13 Ounces
Connector	SMA
Rating	Outdoor
Construction	Fixed or Mobile Al Ground Plane Black Kydex Radome
Mounting	2 ea 10-32 studs 1.92" spacing

