



Smart Technology. Delivered.

S24024P Parabolic Dish Antenna



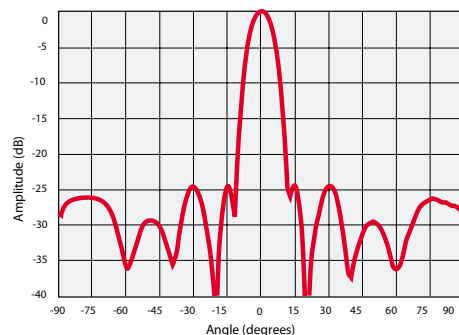
ISM BAND PARABOLIC REFLECTOR ANTENNA

Laird's S24024P antenna provides for point-to-point or point-to-multipoint reception and transmission of linear polarized signals in the 2400-2500 MHz frequency band. Both the antenna and it's mounting hardware are extremely rugged assuring users that their critical communications links will be maintained even in the harshest environments. The mounting hardware allows for $\pm 20^\circ$ of reflector tilt adjustment. The feed is adjustable for vertical horizontal polarization.

MARKETS

- WiMAX

PARAMETER	SPECIFICATION
Reflector Size	35 in dia. (88.9)
Frequency (GHz)	2.4-2.5
Gain (dBi)	23.5 minimum
VSWR	1.5:1 maximum
Polarization	Linear Vertical or Horizontal
Front-to-Back Ratio (dB)	35
E-Plane (3dB beamwidth)	10°
H-Plane (3dB beamwidth)	10°
Sidelobes	23 dB typical
Power	50 Watts maximum
RF Connector	Type N Female
Elevation Adjustment	$\pm 20^\circ$
Weight w/Mounting Hardware	13 lbs (5.8 kg)
Mount Style	Mast
Reflector Material	Aluminum
Wind Survival	120 mph (193 kph)
Mast Diameter	2.5 in Max. (6.3)



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