

3.5GHz Panel Directional Antenna

Feature Summary

- 3400 - 3700 MHz Frequency Band
- Maximized upstream EIRP for last-mile access
- Superior rejection of out-of-band interference
- Azimuth and elevation adjustable mount
- Vertical or Horizontal polarization
- Easy installation saving money and time
- Optional mounting brackets

Overview

The Trackcom Systems International Inc. 3.5 GHz Directional Antenna is a base station antenna designed for use in high density RF environments. This antenna features a heavy-duty fiberglass radome for all-weather operation. It can be mounted for horizontal or vertical polarization. The excellent radiation characteristics are the distinguishing features of this well priced antenna



Overall Specification

Parameter	Description
Frequency	3400 – 3700 MHz
Gain	> 16 dBi
Return Loss	12 dB minimum
VSWR	1.67:1 SWR
Power Rating	2 Watts minimum
Elevation Beam Width (HPBW)	< 20° ± 2°
Azimuth Beam Width (HPBW)	< 20° ± 2°
Polarization	Horizontal/Vertical
Cross Polarization	> 20dB over HPBW
Discrimination (Both planes)	
Side Lobe Level (Azimuth)	< -15dB between -70° to -40° and also +70° to +40°
Front to Back Ration	> 30dB at 180° ± 30°
Impedance	50Ω nominal
Connector	SMA MALE at the ed of cable
Dimensions	12.0x12.0x0.875 inches
Temperature range	-40°C to +85°C



Trackcom Systems International Inc.

2459 46e Avenue, Lachine QC H8T 3C9 Canada (888) 840.7297 www.trackcom-system.ca info@trackcom-sys.ca