

Omni Directional Antenna

Series MD249

Features

- **Low VSWR**
- **360° Azimuth Coverage**
- **60° Elevation Coverage**
- **Models within the range 1.5 - 112GHz available**
- **Waveguide Interface Models available**

The Flann Omni Directional Antennas series MD249, provide 360° coverage in azimuth and 60° coverage in elevation; these antennas are suitable for applications requiring a good all round coverage.



Model MD249-AB

Typical applications include:-

- **Wireless LAN**
- **Source Tracking**
- **Outside Broadcast**
- **Air to Ground Downlinks**



Model MD249-AA

Typical Specification:- (Model MD 249-AA)

Specified Frequency Range	59 to 65.5 GHz	All Broadband widths up to 2:1
Functional Frequency Range	50 to 70 GHz	All Broadband widths up to 2:1
Nominal Gain	2dB	
Gain Variation Elevation	±1.5 dB	
Gain Variation Azimuth	±1 dB	
Polarisation	Vertical	
Nominal Half Angle 3dB Beamwidth	Typically Greater than 30°	
Nominal Half Angle 10dB Beamwidth	Typically Greater than 60°	
VSWR (Max)	1.65:1	
Typical Power Handling	5 Watts	
RF Coaxial Connectors	1.85mm Male or Female or Type N, SMA, K for lower frequency ranges	