



FLANN MICROWAVE

Omni Directional Antenna

Series MD249

Features

- Low VSWR
- 360° Azimuth Coverage
- 60° Elevation Coverage
- Models within the range 1.5 GHz - 330 GHz available
- Waveguide Interface Models available

Typical Applications include

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

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



Model MD249-AB



Model MD249-AA

FLANN MICROWAVE LTD.

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Typical Specification – Model MD249-AA

Specified Frequency Range	59 GHz to 65.5 GHz, All Broadband widths up to 2:1
Functional Frequency Range	50 GHz to 70 GHz, All Broadband widths up to 2:1
Nominal Gain	2 dB
Gain Variation Elevation	± 1.5 dB
Gain Variation Azimuth	± 1 dB
Polarization	Vertical
Nominal Half Angle 3 dB Beamwidth	Typically Greater than 30°
Nominal Half Angle 10 dB Beamwidth	Typically Greater than 60°
VSWR (Max)	1:65:1
Typical Power Handling	5 Watts
RF Coaxial Connectors	1.85 mm Male or Female or Type N, SMA, K for lower frequency range

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