

FM-SECTOR-90-DS



Fluidmesh is
now part of Cisco.

Fluidmesh Sector Antenna

FEATURES

This antenna is designed to cover frequencies from 4.9 to 5.9 GHz. It offers excellent port to port isolation of 30 dB typical, with a VSWR of less than 1.5 in a rugged, off-white UV resistant radome.

- Linear Dual Slant polarization
- Outstanding port to port isolation of 30 dB typical
- VSWR of less than 1.5
- Great upper side lobe suppression
- Adjustable scissors-style pipe mount bracket with 0-10° downtilt



TECHNICAL DATA

Gain	16 dBi
Polarization	+/-45° linear dual slant
Nominal Impedance	50 ohms
VSWR	< 1.5
Radome Material	Gray UV resistant plastic
Termination	2 x Type N female
Mounting Method	Adjustable pipe mount bracket (included)
Frequency Range	4.9 - 5.4 GHz
Upper Side Lobe Suppression	30 degrees above horizon: > -15 dB
3dB Azimuth Beamwidth	90° +/- 10%
3dB Elevation Beamwidth	5°
F/B ratio	> 25 dB
Port Isolation	30 dB typical
Dimensions (WxDxH)	711 x 171 x 90 mm (28 x 6.7 x 3.5 in)
Weight	3.1 kg (7 lbs)
Wind Survivability	200 km/h (125mph)

Fluidmesh Networks products are installed locally by professional System Integrators and are available worldwide through a network of Authorized Dealers. For additional information please call +1.617.209.6080 or visit us at fluidmesh.com



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